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Research and Development Technical Report
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RELATIONSHIPS BETWEEN REFLECTIVITY, ATTENUATION, AND RAINFALL RATE DERIVED FROM DROP SIZE SPECTRA

FINAL REPORT

by

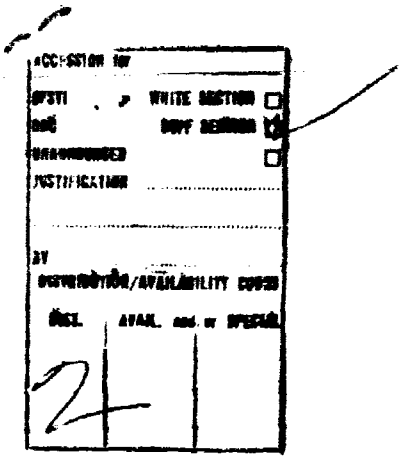
E. A. Mueller - A. L. Sims

May 1969

ECOM

UNITED STATES ARMY ELECTRONICS COMMAND · FORT MONMOUTH, N.J.
ATMOSPHERIC SCIENCES LABORATORY

Contract DA-28-043 AMC-02071(E)
ILLINOIS STATE WATER SURVEY
at the
University of Illinois
Urbana, Illinois



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TECHNICAL REPORT ECOM-02071-F

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Contract No. DA-28-043 AMC-02071(E)
DA Project No. 1T0 61102 B53A 19 10

Prepared by

E. A. Mueller and A. L. Sims

ILLINOIS STATE WATER SURVEY
at the
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for

ATMOSPHERIC SCIENCES LABORATORY

U. S. ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.

ABSTRACT

One hundred fifty-four tables are presented which show the relationships between rainfall rate, radar reflectivity, and attenuation. These parameters have been calculated from drop-size distributions obtained by the drop camera technique. Calculations of attenuation and reflectivity were made using the Mie theory for wavelengths of 10.0, 4.0, 3.2, 1.87, 0.86, and 0.43 cm. Logarithmic regressions have also been calculated for these parameters. These tables have been prepared for data obtained from Illinois, Florida, Oregon, Majuro, Alaska, Indonesia, New Jersey, and North Carolina.

Other tables showing the relationships of the drop-size median volume diameter and liquid water content to reflectivity are presented for New Jersey and North Carolina at 4.0 and 3.2 cm. A table of the relationship of 4.0-cm attenuation to 3.2-cm reflectivity is included for New Jersey and North Carolina.

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INTRODUCTION

During the past 16 years, over 21,000 drop camera samples of drop-size distributions have been obtained with the support of the U. S. Army. These samples each represent one cubic meter of space, usually taken at one minute intervals and a minimum of 1700 samples have been collected at each of eight different locations.

The major use of these data has been the determination of rainfall-radar reflectivity relationships for 3-cm radar. Recently, there has been an increased interest in the rainfall attenuation of radio signals at a wide range of wavelengths. Also, it has been desired that the relationships of attenuation to rainfall and reflectivity be expressed in a tabular form which does not force the data into any preconceived mathematical form. Therefore, tables were prepared showing the relationships between various meteorological and scattering parameters as calculated from the drop-size data.

ANALYTICAL PROCEDURE

The basic data for the calculations are the drop size spectra obtained with the drop camera at the following locations: Champaign, Illinois; Miami, Florida; Corvallis, Oregon; Bogor, Indonesia; Majuro, Marshall Islands; Franklin, North Carolina; Woody Island, Alaska; and Island Beach, New Jersey. For a description of this data see Technical Report ECOM-00032-F or ECOM-02071-3.

A computer program for determination of the scattering parameters was obtained through the courtesy of R. K. Crane of Lincoln Laboratories, Massachusetts Institute of Technology.[1] Crane's program is based on the Mie scattering theory

as presented by Van de Hulst.[2] This program was modified slightly with respect to the method used for estimating the distribution of raindrops within a class interval, but was otherwise unchanged.

The drop temperature was assumed to be 10°C for all calculations. Table 1 shows the refractive index of water at the various frequencies and wavelengths as used in these calculations. The equations of Grant et al.[3] were used in the calculation of the index of refraction. In all previous work by the authors the index of refraction of 8.18-i1.96 was used. This value corresponded to early measurements by Saxton and reported by Kerr[4] for water at 18°C with $\lambda = 3.0$ cm. The more recent work of Grant is considered more accurate.

The scattering coefficients calculated by the Crane program were combined with the drop data to obtain the reflectivity, n, in units of M^{-1}*, and the attenuation coefficient in DB/KM. Rainfall rate was also calculated from drop data, using the terminal velocity data of Gunn and Kinzer.[5]

Table 1. Index of Refraction of Water at 10°C as a Function of Wavelength

Wavelength (cm)	Frequency (GHz)	Refractive Index Real	Imaginary
10.0	3.00	8.9419	-1.0117
4.0	7.50	8.1667	-2.0893
3.2	9.37	7.7919	-2.3728
1.87	16.00	6.5909	-2.8440
0.86	35.00	4.6711	-2.6962
0.43	70.00	3.4361	-2.0565

* Capital M is used for meters in order to conform with the computer output.

TABULATED DATA

Tables have been prepared for various relationships of the radar reflectivity factor, the attenuation coefficient, and rainfall rate. For two locations, New Jersey and North Carolina, tables have also been prepared of median volume diameter and liquid water content as a function of reflectivity at 3.2 and 4.0 cm. Also, for these two locations, attenuation at 4.0 cm as a function of reflectivity at 3.2 cm has been tabulated. These tables are tables 2 through 155 of this report, beginning on page 6.

On these tables, each line contains the data for a 1-db increment of the independent variable. The "threshold" value of this variable is the lower limit of the increment. The highest and lowest observed values of the independent variable within the limits of the increment are tabulated, along with the mean of all values in the increment.

The remainder of each line shows the dependent variable data for the points within each increment. The mean, minimum, 25 percentile, 50 percentile, 75 percentile, and the maximum values are tabulated, followed by "N", the number of data points in the increment. The percentiles have not been calculated where there were less than 4 points.

LOGARITHMIC REGRESSIONS

As a convenient by-product of the calculations of the data tables, logarithmic least squares regressions were calculated for most of the relationships. The regression coefficients are presented in tables 156 through 161, beginning on page 109.

The equations for these relationships are of the form $y = Ax^B$, where x is the independent variable and y is the dependent variable. If the transformation is made that Y = log y and X = log x, then the coefficients A and B are found from

$$B = \frac{\text{cov } XY}{\text{var } X}$$

and

$$A = \text{antilog } (\bar{Y} - B\ \bar{X}).$$

The correlation coefficient, r, is found from

$$r^2 = \frac{\text{cov } XY}{\text{var } X \text{ var } Y}$$

and standard error of estimate, SEE, is given by

$$(SEE)^2 = \text{var } Y\ (1 - r^2).$$

The standard error of estimate has the units of the logarithm (base 10) of the dependent variable.

The number of data points, NS, varies due to the fact that some data points were outside of the range allowed in the computer program for the size of the independent variable. Almost all of these lost points are those with the rainfall rate less than 0.1 mm/hr when the rainfall rate was the independent variable.

REFERENCES

1. Crane, R. K., 1966. Microwave scattering parameters for New England rain. Tech. Rept. 426, U. S. Air Force Contract AF 19(628)-1567, Lincoln Laboratory, M.I.T., Lexington, Massachusetts.

2. Van de Hulst, H. C., 1957. Light Scattering by Small Particles. Wiley, New York, Ch. 9.

3. Grant, E. H., T. J. Buchanan, and H. F. Cook, 1957. Dielectric behavior of water at microwave frequencies. J. Chem Phys, 26, No. 1, 156.

4. Kerr, D. E., 1951. Propagation of Short Radio Waves. McGraw-Hill, New York, Ch. 8.

5. Gunn, R., and G. D. Kinzer, 1949. The terminal velocity of fall for water droplets in stagnant air. J. Meteor., 6, 243-248.

TABLE 7. ILLINOIS REFLECTIVITY FOR 10.3 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	7.33E-11	3.98E-11	5.91E-11	7.12E-11	8.12E-11	1.10E-10	13
1.26E-01	1.26E-01	1.48E-01	1.55E-01	9.81E-11	6.13E-11	7.64E-11	9.24E-11	1.17E-10	1.71E-10	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	1.18E-10	5.97E-11	8.49E-11	1.04E-10	1.33E-10	2.37E-10	19
2.00E-01	2.01E-01	2.24E-01	2.49E-01	1.61E-10	7.69E-11	1.22E-10	1.55E-10	1.89E-10	3.12E-10	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	2.39E-10	8.48E-11	1.86E-10	2.13E-10	3.03E-10	6.11E-10	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	3.12E-10	1.58E-10	2.37E-10	3.06E-10	3.72E-10	6.86E-10	54
3.98E-01	4.03E-01	4.55E-01	5.03E-01	4.02E-10	1.65E-10	2.83E-10	3.97E-10	4.72E-10	8.77E-10	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	5.82E-10	1.94E-10	4.03E-10	5.46E-10	7.02E-10	1.31E-09	82
6.31E-01	6.31E-01	7.10E-01	7.93E-01	7.22E-10	2.10E-10	5.00E-10	6.58E-10	8.85E-10	1.66E-09	94
7.94E-01	7.96E-01	8.86E-01	1.00E 00	1.11E-09	3.36E-10	6.98E-10	1.07E-09	1.40E-09	2.97E-09	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.59E-09	3.75E-10	9.81E-10	1.37E-09	1.71E-09	8.92E-09	103
1.26E 00	1.26E 00	1.41E 00	1.58E 00	2.09E-09	6.62E-10	1.27E-09	1.78E-09	2.40E-09	1.26E-08	114
1.58E 00	1.59E 00	1.76E 00	1.99E 00	2.56E-09	6.65E-10	1.46E-09	2.13E-09	3.07E-09	4.78E-09	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	3.64E-09	1.12E-09	2.15E-09	3.14E-09	4.70E-09	1.12E-08	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	4.59E-09	1.31E-09	2.65E-09	4.04E-09	5.67E-09	2.32E-08	178
3.16E 00	3.18E 00	3.56E 00	3.98E 00	6.06E-09	1.85E-09	3.64E-09	5.36E-09	7.74E-09	1.49E-08	95
3.98E 00	3.99E 00	4.42E 00	5.00E 00	8.78E-09	2.49E-09	4.37E-09	6.58E-09	9.11E-09	6.91E-08	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	1.16E-08	4.15E-09	6.08E-09	9.23E-09	1.36E-08	3.70E-08	98
6.31E 00	6.33E 00	7.14E 00	7.93E 00	2.14E-08	6.11E-09	9.46E-09	1.46E-08	2.34E-08	1.66E-07	65
7.94E 00	8.05E 00	8.89E 00	9.83E 00	2.79E-08	8.98E-09	1.41E-08	2.09E-08	3.72E-08	1.23E-07	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	3.47E-08	1.10E-08	1.98E-08	3.08E-08	4.22E-08	9.29E-08	49
1.26E 01	1.26E 01	1.41E 01	1.58E 01	4.34E-08	1.29E-08	2.55E-08	3.41E-08	5.63E-08	1.15E-07	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	7.20E-08	1.69E-08	3.81E-08	5.51E-08	7.71E-08	2.36E-07	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	9.99E-08	3.66E-08	5.95E-08	8.33E-08	1.11E-07	6.48E-07	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	1.46E-07	3.96E-08	7.48E-08	1.11E-07	1.74E-07	5.36E-07	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	1.70E-07	5.92E-08	1.05E-07	1.51E-07	2.23E-07	4.68E-07	33
3.98E 01	3.59E 01	4.40E 01	4.68E 01	2.25E-07	1.10E-07	1.50E-07	1.74E-07	2.34E-07	7.16E-07	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	4.16E-07	1.01E-07	2.19E-07	2.71E-07	4.64E-07	1.38E-06	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	3.37E-07	1.66E-07	1.80E-07	2.65E-07	4.63E-07	6.23E-07	9
7.94E 01	7.59E 01	9.17E 01	9.95E 01	4.60E-07	1.84E-07	2.79E-07	4.33E-07	5.15E-07	1.37E-06	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	4.30E-07	2.48E-07	3.68E-07	4.36E-07	5.15E-07	5.77E-07	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	4.70E-07	3.91E-07				6.24E-07	3

TOTAL N: 1689

TABLE 7. ILLINOIS REFLECTIVITY FOR 4.3 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	2.46E-09	1.51E-09	2.24E-09	2.69E-09	3.04E-09	4.30E-09	13
1.26E-01	1.26E-01	1.48E-01	1.55E-01	3.64E-09	2.35E-09	2.91E-09	3.51E-09	4.39E-09	6.26E-09	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	4.43E-09	2.29E-09	3.22E-09	3.94E-09	5.02E-09	8.69E-09	19
2.00E-01	2.00E-01	2.24E-01	2.49E-01	6.06E-09	2.94E-09	4.62E-09	5.86E-09	7.12E-09	1.14E-08	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	8.91E-09	3.75E-09	7.02E-09	8.64E-09	1.12E-08	2.16E-08	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	1.16E-08	6.10E-09	8.95E-09	1.15E-08	1.39E-08	2.63E-08	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	1.49E-08	6.33E-09	1.07E-08	1.49E-08	1.75E-08	3.08E-08	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	2.14E-08	7.44E-09	1.52E-08	2.04E-08	2.54E-08	4.59E-08	82
6.31E-01	6.31E-01	7.10E-01	7.93E-01	2.65E-08	8.05E-09	1.88E-08	2.45E-	3.22E-08	6.41E-08	94
7.94E-01	7.96E-01	8.86E-01	1.00E 00	3.99E-08	1.27E-08	2.61E-08	3.89E-08	5.02E-08	9.96E-08	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	5.60E-08	1.44E-08	3.68E-08	4.99E-08	6.26E-08	1.23E-07	103
1.26E 00	1.26E 00	1.41E 00	1.58E 00	7.61E-08	2.52E-08	4.73E-08	6.55E-08	8.52E-08	1.65E-07	114
1.58E 00	1.59E 00	1.76E 00	1.99E 00	9.57E-08	2.54E-08	5.44E-08	7.78E-08	1.09E-07	3.21E-07	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.30E-07	4.24E-08	7.99E-08	1.13E-07	1.65E-07	4.25E-07	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	1.63E-07	4.99E-08	9.85E-08	1.46E-07	2.03E-07	7.65E-07	178
3.16E 00	3.18E 00	3.56E 00	3.98E 00	2.13E-07	7.04E-08	1.35E-07	1.93E-07	2.69E-07	5.93E-07	95
3.98E 00	3.99E 00	4.42E 00	5.00E 00	3.90E-07	9.44E-08	1.60E-07	2.37E-07	3.24E-07	9.77E-06	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	4.08E-07	1.55E-07	2.35E-07	3.30E-07	4.61E-07	1.35E-06	98
6.31E 00	6.33E 00	7.14E 00	7.93E 00	1.10E-06	2.26E-07	3.47E-07	5.13E-07	7.11E-07	1.41E-05	65
7.94E 00	8.05E 00	8.89E 00	9.83E 00	1.30E-06	2.62E-07	5.04E-07	7.18E-07	1.07E-06	1.03E-05	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.37E-06	4.28E-07	7.08E-07	1.06E-06	1.49E-06	7.34E-06	48
1.26E 01	1.26E 01	1.41E 01	1.58E 01	1.77E-06	4.73E-07	9.04E-07	1.20E-06	2.05E-06	7.13E-06	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	3.60E-06	6.24E-07	1.30E-06	1.92E-06	3.15E-06	2.70E-05	44
2.00E 01	2.01E 01	2.25E 01	2.53E 01	5.14E-06	1.29E-06	2.04E-06	3.02E-06	4.91E-06	6.91E-05	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	9.16E-06	1.45E-06	2.57E-06	4.02E-06	6.06E-06	8.15E-05	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	8.46E-06	7.14E-06	3.63E-06	6.03E-06	1.09E-05	3.75E-05	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	1.24E-05	3.83E-06	5.37E-06	8.36E-06	1.30E-05	6.63E-05	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	2.47E-05	3.57E-06	8.28E-06	1.19E-05	1.23E-05	1.39E-04	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	1.71E-05	5.79E-06	6.29E-06	1.18E-05	2.46E-05	3.93E-05	9
7.94E 01	7.59E 01	9.17E 01	9.95E 01	2.37E-05	6.40E-06	1.03E-05	1.58E-05	2.47E-05	7.94E-05	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	1.83E-05	8.83E-06	1.40E-05	1.88E-05	2.17E-05	2.93E-05	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	2.02E-05	1.40E-05				3.21E-05	3

TOTAL N: 1689

TABLE 4. ILLINOIS REFLECTIVITY FOR 3.2 CM, 13 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	6.63E-09	3.66E-09	5.43E-09	6.49E-09	7.31E-09	9.70E-09	13
1.26E-01	1.26E-01	1.48E-01	1.55E-01	8.89E-09	5.66E-09	7.04E-09	8.46E-09	1.05E-08	1.50E-08	13
1.58E-01	1.58E-01	1.76E-01	1.97E-01	1.07E-08	5.94E-09	7.79E-09	9.49E-09	1.21E-08	2.08E-08	19
2.00E-01	2.00E-01	2.24E-01	2.49E-01	1.46E-08	7.12E-09	1.12E-08	1.41E-08	1.71E-08	2.73E-08	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	2.14E-08	7.89E-09	1.69E-08	1.93E-08	2.69E-08	5.16E-08	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	2.79E-08	1.46E-08	2.15E-08	2.77E-08	3.36E-08	4.92E-08	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	3.57E-08	1.53E-08	2.59E-08	3.56E-08	4.19E-08	7.44E-08	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	5.13E-08	1.40E-08	3.66E-08	4.91E-08	6.08E-08	1.11E-07	82
6.31E-01	6.31E-01	7.18E-01	7.93E-01	6.39E-08	1.95E-08	4.53E-08	5.87E-08	7.72E-08	1.40E-07	96
7.96E-01	7.96E-01	8.80E-01	1.00E 00	9.72E-08	3.07E-08	6.28E-08	8.32E-08	1.20E-07	2.78E-07	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.43E-07	3.48E-08	8.83E-08	1.19E-07	1.49E-07	1.84E-06	100
1.26E 00	1.26E 00	1.41E 00	1.58E 00	2.02E-07	6.09E-08	1.14E-07	1.55E-07	2.07E-07	2.38E-06	114
1.58E 00	1.59E 00	1.76E 00	1.99E 00	2.34E-07	6.15E-08	1.31E-07	1.46E-07	2.63E-07	1.33E-06	65
2.00E 00	2.00E 00	2.24E 00	2.51E 00	3.38E-07	1.33E-07	1.92E-07	2.71E-07	3.98E-07	1.79E-06	44
2.51E 00	2.52E 00	2.81E 00	3.16E 00	4.30E-07	1.82E-07	2.36E-07	3.51E-07	4.98E-07	3.25E-06	169
3.16E 00	3.18E 00	3.56E 00	3.98E 00	5.51E-07	1.70E-07	3.24E-07	4.63E-07	6.73E-07	2.93E-06	69
3.98E 00	3.99E 00	4.42E 00	5.03E 00	1.31E-06	2.27E-07	3.85E-07	5.68E-07	7.67E-07	1.93E-05	73
5.01E 00	5.02E 00	5.56E 00	6.30E 00	1.15E-06	3.73E-07	5.34E-07	7.44E-07	1.22E-06	5.01E-06	58
6.31E 00	6.32E 00	7.14E 00	7.93E 00	2.76E-06	5.43E-07	8.32E-07	1.32E-06	2.74E-06	1.96E-05	48
7.94E 00	8.05E 00	8.89E 00	9.83E 00	3.59E-06	5.29E-07	1.22E-06	1.79E-06	3.46E-06	2.45E-05	64
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.22E-06	1.03E-06	1.76E-06	2.90E-06	4.84E-06	1.97E-05	48
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.38E-06	1.14E-06	2.19E-06	3.39E-06	6.96E-06	2.03E-05	62
1.58E 01	1.59E 01	1.79E 01	1.97E 01	1.02E-05	1.50E-06	3.45E-06	6.08E-06	9.23E-06	6.30E-05	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	1.45E-05	3.16E-06	5.31E-06	9.64E-06	1.57E-05	1.03E-04	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	2.38E-05	3.47E-06	7.15E-06	1.29E-05	3.27E-05	1.27E-04	41
3.16E 01	3.19E 01	3.48E 01	3.93E 01	2.56E-05	5.12E-06	1.13E-05	1.93E-05	3.44E-05	9.51E-05	33
3.98E 01	3.99E 01	4.42E 01	4.88E 01	3.36E-05	1.02E-05	1.60E-05	2.63E-05	5.63E-05	1.51E-04	19
5.01E 01	5.05E 01	5.56E 01	6.24E 01	7.38E-05	8.89E-06	2.70E-05	3.97E-05	8.51E-05	3.01E-04	15
6.31E 01	6.31E 01	6.97E 01	7.72E 01	5.29E-05	1.59E-05	1.62E-05	3.66E-05	7.53E-05	1.18E-04	7
7.94E 01	7.94E 01	8.17E 01	9.95E 01	6.92E-05	1.66E-05	3.22E-05	4.79E-05	7.45E-05	2.11E-04	9
1.00E 02	1.01E 02	1.13E 02	1.20E 02	5.46E-05	2.33E-05	4.12E-05	5.80E-05	6.65E-05	8.53E-05	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	8.01E-05	4.25E-05				9.47E-05	3

TOTAL = 1649

TABLE 5. ILLINOIS REFLECTIVITY FOR 1.87 CM, 13 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	5.71E-08	3.66E-08	4.56E-08	5.68E-08	6.42E-08	9.96E-08	1
1.26E-01	1.26E-01	1.48E-01	1.55E-01	7.65E-08	4.75E-08	5.89E-08	7.12E-08	9.12E-08	1.49E-07	13
1.58E-01	1.58E-01	1.76E-01	1.97E-01	9.25E-08	4.66E-08	6.54E-08	8.02E-08	1.03E-07	2.13E-07	17
2.00E-01	2.00E-01	2.24E-01	2.49E-01	1.27E-07	5.96E-08	9.35E-08	1.19E-07	1.46E-07	2.59E-07	44
2.51E-01	2.52E-01	2.85E-01	3.15E-01	1.93E-07	6.60E-08	1.43E-07	1.85E-07	2.42E-07	4.87E-07	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	2.52E-07	1.22E-07	1.84E-07	2.36E-07	2.93E-07	7.23E-07	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	3.31E-07	1.29E-07	2.18E-07	3.13E-07	3.74E-07	6.42E-07	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	5.03E-07	1.51E-07	3.11E-07	4.35E-07	6.57E-07	1.44E-06	82
6.31E-01	6.31E-01	7.14E-01	7.93E-01	6.32E-07	1.63E-07	3.88E-07	5.25E-07	7.47E-07	2.33E-06	96
7.96E-01	7.96E-01	8.80E-01	1.00E 00	1.69E-06	2.61E-07	5.46E-07	8.71E-07	1.41E-06	4.13E-06	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.57E-06	2.91E-07	7.66E-07	1.18E-06	1.69E-06	1.53E-05	100
1.26E 00	1.26E 00	1.41E 00	1.58E 00	2.22E-06	5.11E-07	1.01E-06	1.53E-06	2.42E-06	1.91E-05	114
1.58E 00	1.59E 00	1.76E 00	1.99E 00	2.66E-06	5.15E-07	1.19E-06	1.80E-06	3.14E-06	1.24E-05	65
2.00E 00	2.00E 00	2.24E 00	2.51E 00	3.90E-06	8.66E-07	1.71E-06	2.84E-06	5.18E-06	1.97E-05	44
2.51E 00	2.52E 00	2.81E 00	3.16E 00	5.01E-06	1.01E-06	2.18E-06	3.69E-06	6.42E-06	2.47E-05	169
3.16E 00	3.18E 00	3.56E 00	3.98E 00	6.97E-06	1.42E-06	2.94E-06	5.15E-06	9.67E-06	2.00E-05	69
3.98E 00	3.99E 00	4.42E 00	5.03E 00	9.65E-06	1.93E-06	3.71E-06	6.17E-06	9.91E-06	7.03E-05	73
5.01E 00	5.02E 00	5.56E 00	6.30E 00	1.39E-05	3.28E-06	4.99E-06	8.17E-06	1.55E-05	5.05E-05	58
6.31E 00	6.32E 00	7.14E 00	7.93E 00	2.36E-05	4.99E-06	8.61E-06	1.76E-05	2.67E-05	6.80E-05	63
7.94E 00	8.05E 00	8.89E 00	9.83E 00	3.37E-05	5.50E-06	1.41E-05	2.43E-05	3.95E-05	1.32E-04	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.44E-05	9.59E-06	2.01E-05	3.80E-05	5.84E-05	1.24E-04	43
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.48E-05	1.08E-05	2.65E-05	4.10E-05	7.56E-05	1.53E-04	62
1.58E 01	1.59E 01	1.79E 01	1.97E 01	8.99E-05	1.44E-05	4.38E-05	7.42E-05	1.08E-04	2.73E-04	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	1.22E-04	3.59E-05	7.21E-05	1.05E-04	1.43E-04	4.18E-04	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	1.65E-04	3.33E-05	9.56E-05	1.51E-04	2.15E-04	4.99E-04	41
3.16E 01	3.19E 01	3.48E 01	3.93E 01	2.23E-04	5.37E-05	1.44E-04	2.09E-04	2.97E-04	5.22E-04	33
3.98E 01	3.99E 01	4.42E 01	4.88E 01	2.71E-04	1.35E-04	2.05E-04	2.45E-04	3.05E-04	6.43E-04	19
5.01E 01	5.05E 01	5.56E 01	6.24E 01	4.19E-04	1.39E-04	2.92E-04	3.84E-04	4.83E-04	9.04E-04	15
6.31E 01	6.31E 01	6.97E 01	7.72E 01	4.30E-04	1.99E-04	2.32E-04	3.90E-04	5.62E-04	7.95E-04	7
7.94E 01	7.94E 01	8.17E 01	9.95E 01	5.84E-04	2.14E-04	3.73E-04	6.06E-04	7.73E-04	1.10E-03	9
1.00E 02	1.01E 02	1.13E 02	1.20E 02	5.65E-04	3.03E-04	4.71E-04	5.89E-04	6.77E-04	7.90E-04	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	6.04E-04	5.09E-04				7.49E-04	3

TOTAL = 1649

TABLE 6. ILLINOIS REFLECTIVITY FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	1.79E-06	8.78E-07	1.28E-06	1.67E-06	2.09E-06	3.01E-06	13
1.26E-01	1.26E-01	1.48E-01	1.99E-01	2.36E-06	1.21E-06	1.64E-06	2.13E-06	2.94E-06	4.58E-06	13
1.58E-01	1.60E-01	1.78E-01	1.97E-01	2.84E-06	1.18E-06	1.89E-06	2.62E-06	3.41E-06	6.15E-06	19
2.00E-01	2.00E-01	2.24E-01	2.49E-01	3.96E-06	1.97E-06	2.75E-06	3.69E-06	4.80E-06	8.44E-06	44
2.51E-01	2.52E-01	2.85E-01	3.15E-01	5.96E-06	1.65E-06	4.37E-06	5.31E-06	7.95E-06	1.19E-05	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	7.82E-06	3.45E-06	5.63E-06	7.68E-06	9.83E-06	1.47E-05	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	9.98E-06	3.39E-06	6.70E-06	1.03E-05	1.24E-05	2.10E-05	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	1.42E-05	3.77E-06	1.01E-05	1.42E-05	1.74E-05	2.78E-05	82
6.31E-01	6.31E-01	7.10E-01	7.93E-01	1.74E-05	4.07E-06	1.22E-05	1.70E-05	2.13E-05	3.41E-05	94
7.94E-01	7.96E-01	8.88E-01	1.00E 00	2.48E-05	6.96E-06	1.78E-05	2.51E-05	3.09E-05	4.72E-05	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	3.21E-05	7.49E-06	2.44E-05	3.22E-05	4.11E-05	5.60E-05	100
1.26E 00	1.26E 00	1.41E 00	1.58E 00	4.04E-05	7.35E-06	3.17E-05	4.09E-05	4.91E-05	6.67E-05	114
1.58E 00	1.59E 00	1.78E 00	1.99E 00	4.91E-05	1.39E-05	3.53E-05	5.28E-05	6.16E-05	8.17E-05	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	6.97E-05	2.48E-05	5.20E-05	7.38E-05	8.54E-05	1.11E-04	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	8.44E-05	2.91E-05	6.25E-05	8.53E-05	1.06E-04	1.37E-04	108
3.16E 00	3.18E 00	3.54E 00	3.98E 00	1.42E-04	4.08E-05	9.26E-05	1.13E-04	1.36E-04	1.79E-04	85
3.98E 00	3.99E 00	4.42E 00	5.00E 00	1.35E-04	5.63E-05	1.03E-04	1.30E-04	1.65E-04	2.03E-04	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	1.74E-04	1.04E-04	1.40E-04	1.75E-04	2.01E-04	2.73E-04	98
6.31E 00	6.33E 00	7.14E 00	7.93E 00	2.31E-04	1.01E-04	1.94E-04	2.34E-04	2.66E-04	3.63E-04	63
7.94E 00	8.65E 00	8.85E 00	9.83E 00	3.03E-04	1.23E-04	2.66E-04	3.07E-04	3.52E-04	4.23E-04	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	3.79E-04	1.84E-04	3.22E-04	3.90E-04	4.42E-04	5.49E-04	40
1.26E 01	1.26E 01	1.41E 01	1.58E 01	4.80E-04	2.85E-04	4.20E-04	4.93E-04	5.40E-04	6.74E-04	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	5.86E-04	2.41E-04	5.19E-04	5.99E-04	6.83E-04	7.60E-04	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	7.48E-04	1.95E-04	6.69E-04	7.55E-04	8.63E-04	1.05E-03	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	8.64E-04	2.37E-04	6.66E-04	9.51E-04	1.06E-03	1.20E-03	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	1.06E-03	4.52E-04	8.49E-04	1.09E-03	1.25E-03	1.50E-03	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	1.43E-03	4.84E-04	1.29E-03	1.38E-03	1.48E-03	2.36E-03	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	1.53E-03	5.42E-04	1.11E-03	1.62E-03	1.90E-03	2.16E-03	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	2.16E-03	1.06E-03	1.95E-03	2.18E-03	2.63E-03	2.68E-03	9
7.94E 01	7.95E 01	9.17E 01	9.95E 01	2.80E-03	1.69E-03	2.37E-03	2.80E-03	3.36E-03	3.48E-03	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	3.86E-03	3.09E-03	3.32E-03	3.82E-03	4.38E-03	4.73E-03	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	4.56E-03	4.44E-03				4.78E-03	3

TOTAL N: 1689

TABLE 7. ILLINOIS REFLECTIVITY FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	1.16E-05	6.37E-06	1.07E-05	1.19E-05	1.28E-05	1.47E-05	13
1.26E-01	1.26E-01	1.48E-01	1.55E-01	1.63E-05	9.42E-06	1.41E-05	1.70E-05	1.90E-05	2.03E-05	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	1.89E-05	1.26E-05	1.73E-05	1.89E-05	2.13E-05	2.51E-05	19
2.00E-01	2.00E-01	2.24E-01	2.49E-01	2.39E-05	1.14E-05	2.18E-05	2.48E-05	2.65E-05	3.09E-05	44
2.51E-01	2.52E-01	2.85E-01	3.15E-01	2.78E-05	1.50E-05	2.31E-05	2.85E-05	3.17E-05	4.37E-05	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	3.52E-05	1.99E-05	2.75E-05	3.47E-05	4.22E-05	5.03E-05	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	4.23E-05	1.51E-05	3.51E-05	4.45E-05	4.94E-05	6.30E-05	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	4.87E 05	1.82E-05	3.71E-05	5.10E-05	6.07E-05	7.31E-05	82
6.31E-01	6.31E-01	7.10E-01	7.93E-01	6.22E-05	1.30E-05	5.13E-05	6.50E-05	7.39E-05	9.91E-05	94
7.94E-01	7.96E-01	8.86E-01	1.00E 00	8.77E-05	9.83E-06	5.05E-05	6.58E-05	9.04E-05	1.19E-04	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	8.30E-05	1.41E-05	5.82E-05	8.27E-05	1.09E-04	1.36E-04	100
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.00E-04	1.98E-05	6.72E-05	1.05E-04	1.34E-04	1.90E-04	114
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.31E-04	2.91E-05	9.29E-05	1.26E-04	1.76E-04	2.42E-04	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.43E-04	3.15E-05	9.94E-05	1.25E-04	1.94E-04	2.80E-04	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	1.86E-04	4.22E-05	1.26E-04	1.81E-04	2.41E-04	3.50E-04	108
3.16E 00	3.18E 00	3.54E 00	3.98E 00	2.24E-04	4.65E-05	1.44E-04	2.12E-04	3.12E-04	4.51E-04	85
3.98E 00	3.99E 00	4.42E 00	5.00E 00	2.80E-04	5.59E-05	2.01E-04	2.62E-04	3.72E-04	5.11E-04	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	3.28E-04	8.77E-05	2.08E-04	3.24E-04	4.57E-04	6.43E-04	58
6.31E 00	6.33E 00	7.14E 00	7.93E 00	3.54E-04	5.79E-05	1.93E-04	3.76E-04	4.98E-04	7.69E-04	63
7.94E 00	8.65E 00	8.85E 00	9.83E 00	3.71E-04	7.92E-05	1.85E-04	3.46E-04	5.04E-04	9.95E-04	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.52E-04	1.05E-04	2.84E-04	4.20E-04	6.24E-04	9.57E-04	40
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.70E-04	1.38E-04	4.26F-04	5.52E-04	6.29E-04	1.53E-03	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	6.40E-04	1.44E-04	3.96E-04	6.31E-04	8.57E-04	1.39E-03	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	6.67E-04	1.23E-04	4.69E-04	6.42E-04	7.88E-04	1.33E-03	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	8.63E-04	2.17E-04	5.92E-04	8.54E-04	1.16E-03	1.71E-03	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	9.57E-04	3.71E-04	6.40E-04	9.84E-04	1.17E-03	1.77E-03	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	1.15E-03	6.51E-04	8.34E-04	1.16E-03	1.38E-03	1.76E-03	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	1.44E-03	5.20E-04	1.20E-03	1.48E-03	1.69E-03	3.96E-03	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	1.97E-03	6.81E-04	1.46E-03	2.01E-03	2.31E-03	3.31E-03	9
7.94E 01	7.95E 01	9.17E 01	9.95E 01	2.49E-03	1.44E-03	1.55E-03	2.36E-03	3.34E-03	3.82E-03	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	3.05E-03	2.21E-03	2.69E-03	2.99E-03	3.39E-03	4.04E-03	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	4.65E-03	3.48E-03				5.58E-03	3

TOTAL N: 1689

TABLE 8. ILLINOIS ATTENUATION FOR 30.0 GHz 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	4.92E-05	4.27E-05	4.59E-05	4.72E-05	5.25E-05	6.38E-05	13
1.26E-01	1.26E-01	1.49E-01	1.55E-01	6.60E-05	5.13E-05	6.79E-05	6.79E-05	7.11E-05	7.59E-05	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	8.04E-05	6.48E-05	7.75E-05	7.87E-05	8.62E-05	1.12E-04	13
2.00E-01	2.01E-01	2.24E-01	2.49E-01	9.91E-05	8.27E-05	9.22E-05	9.35E-05	1.05E-04	1.26E-04	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	1.24E-04	1.03E-04	1.13E-04	1.27E-04	1.42E-04	1.44E-04	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	1.56E-04	1.28E-04	1.48E-04	1.55E-04	1.82E-04	2.34E-04	44
3.98E-01	4.03E-01	4.55E-01	5.00E-01	1.97E-04	1.64E-04	1.82E-04	1.92E-04	2.31E-04	2.45E-04	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	2.39E-04	1.94E-04	2.20E-04	2.34E-04	2.56E-04	3.46E-04	82
6.31E-01	6.31E-01	7.10E-01	7.93E-01	3.07E-04	2.51E-04	2.86E-04	3.02E-04	3.23E-04	4.17E-04	96
7.94E-01	7.96E-01	8.86E-01	1.00E 00	3.76E-04	3.09E-04	3.50E-04	3.65E-04	3.98E-04	5.36E-04	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.78E-04	3.96E-04	4.40E-04	4.66E-04	4.87E-04	6.28E-04	107
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.86E-04	4.92E-04	5.41E-04	5.82E-04	6.24E-04	7.37E-04	114
1.58E CC	1.59E CO	1.76E CO	1.99E 00	7.38E-04	6.21E-04	6.89E-04	7.24E-04	7.79E-04	9.42E-04	95
2.00E CC	2.00E 00	2.24E 00	2.51E 00	9.16E-04	7.70E-04	8.47E-04	9.08E-04	9.76E-04	1.16E-03	93
2.51E CC	2.52E CO	2.81E CO	3.16E 00	1.17E-03	9.94E-04	1.09E-03	1.14E-03	1.22E-03	1.49E-03	109
3.16E CC	3.18E CO	3.56E CO	3.98E 00	1.46E-03	1.22E-03	1.37E-03	1.44E-03	1.55E-03	1.91E-03	89
3.98E 00	3.99E 00	4.42E 00	5.00E 00	1.85E-03	1.59E-03	1.71E-03	1.79E-03	1.92E-03	2.36E-03	75
5.01E CC	5.02E 00	5.56E 00	6.30E 00	2.29E-03	1.96E-03	2.16E-03	2.26E-03	2.42E-03	2.74E-03	59
6.31E CC	6.33E 00	7.14E 00	7.93E 00	2.89E-03	2.54E-03	2.79E-03	2.94E-03	3.14E-03	3.88E-03	63
7.94E 00	8.05E CO	8.89E CO	9.93E 00	3.75E-03	3.14E-03	3.44E-03	3.67E-03	3.80E-03	4.53E-03	64
1.00E C1	1.00E 01	1.12E C1	1.25E 01	4.67E-03	3.95E-03	4.35E-03	4.55E-03	4.83E-03	6.81E-03	48
1.26E C1	1.26E C1	1.41E C1	1.58E 01	5.88E-03	5.02E-03	5.40E-03	5.86E-03	6.25E-03	7.64E-03	42
1.58E C1	1.59E C1	1.79E C1	1.97E 01	7.86E-03	6.29E-03	6.94E-03	7.60E-03	8.15E-03	1.49E-02	44
2.00E 01	2.01E C1	2.25E 01	2.50E 01	1.01E-02	8.08E-03	8.93E-03	9.36E-03	1.03E-02	3.26E-02	52
2.51E C1	2.52E 01	2.77E C1	3.13E 01	1.33E-02	9.71E-03	1.12E-02	1.23E-02	1.33E-02	3.46E-02	41
3.16E 01	3.19E C1	3.48E C1	3.93E 01	1.57E-02	1.27E-02	1.40E-02	1.52E-02	1.66E-02	2.58E-02	33
3.98E 01	3.99E C1	4.40E 01	4.88E 01	2.05E-02	1.63E-02	1.76E-02	1.93E-02	2.05E-02	3.74E-02	13
5.01E C1	5.05E C1	5.56E C1	6.24E 01	3.10E-02	1.96E-02	2.32E-02	2.52E-02	3.25E-02	7.11E-02	13
6.31E C1	6.31E 01	6.97E C1	7.72E 01	3.18E-02	2.61E-02	2.95E-02	3.01E-02	3.55E-02	3.93E-02	9
7.94E C1	7.99E C1	9.17E 01	9.95E 01	4.28E-02	3.48E-02	3.73E-02	3.91E-02	4.67E-02	6.34E-02	9
1.00E 02	1.01E C2	1.10E 02	1.20E 02	4.68E-02	4.16E-02	4.42E-02	4.86E-02	4.95E-02	5.31E-02	5
1.26E C2	1.29E C2	1.33E 02	1.39E 02	5.69E-02	5.60E-02				5.97E-02	3

TOTAL N: 1489

TABLE 9. ILLINOIS ATTENUATION FOR 40. GHz 1? DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	4.69E-04	4.05E-04	4.27E-04	4.34E-04	4.77E-04	5.21E-04	13
1.26E-01	1.26E-01	1.49E-01	1.55E-01	6.02E-04	5.36E-04	5.83E-04	6.09E-04	6.15E-04	6.91E-04	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	7.30E-04	6.40E-04	6.77E-04	7.11E-04	7.74E-04	8.30E-04	13
2.00E-01	2.01E-01	2.24E-01	2.49E-01	9.26E-04	7.92E-04	8.67E-04	9.10E-04	9.86E-04	1.13E-03	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	1.21E-03	9.91E-04	1.17E-03	1.20E-03	1.27E-03	1.35E-03	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	1.55E-03	1.30E-03	1.45E-03	1.54E-03	1.62E-03	2.12E-03	44
3.98E-01	4.03E-01	4.55E-01	5.00E-01	1.97E-03	1.62E-03	1.82E-03	1.94E-03	2.06E-03	2.54E-03	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	2.53E-03	2.02E-03	2.30E-03	2.47E-03	2.62E-03	3.67E-03	82
6.31E-01	6.31E-01	7.10E-01	7.93E-01	3.21E-03	2.56E-03	2.90E-03	3.14E-03	3.33E-03	5.21E-03	96
7.94E-01	7.96E-01	8.86E-01	1.00E 00	4.31E-03	3.23E-03	3.71E-03	4.12E-03	4.53E-03	7.97E-03	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	5.73E-03	4.07E-03	4.78E-03	5.16E-03	5.78E-03	2.46E-02	107
1.26E CC	1.26E 00	1.41E 00	1.58E 00	7.51E-03	5.08E-03	5.96E-03	6.86E-03	7.71E-03	3.72E-02	114
1.58E CC	1.55E 00	1.76E 00	1.99E 00	9.22E-03	6.35E-03	7.43E-03	8.21E-03	9.57E-03	2.67E-02	95
2.00E CC	2.00E 00	2.24E 00	2.51E 00	1.23E-02	8.53E-03	9.39E-03	1.11E-02	1.31E-02	3.25E-02	93
2.51E 00	2.52E CO	2.81E CO	3.16E 00	1.56E-02	1.02E-02	1.23E-02	1.42E-02	1.70E-02	3.63E-02	109
3.16E CC	3.18E CC	3.56E CO	3.98E CC	1.99E-02	1.32E-02	1.59E-02	1.79E-02	2.15E-02	4.33E-02	89
3.98E CC	3.99E 00	4.42E CO	5.00E 00	2.74E-02	1.60E-02	1.95E-02	2.21E-02	2.67E-02	1.54E-01	75
5.01E CC	5.02E CC	5.56E CO	6.30E 00	3.60E-02	2.11E-02	2.69E-02	2.85E-02	3.74E-02	9.73E-02	58
6.31E CC	6.33E CO	7.14E CO	7.93E 00	5.46E-02	2.83E-02	3.58E-02	4.41E-02	5.71E-02	1.65E-01	61
7.94E 00	8.05E CO	8.89E CO	9.93E 00	7.52E-02	3.52E-02	4.64E-02	5.75E-02	8.38E-02	2.16E-01	44
1.00E 01	1.00E 01	1.12E 01	1.25E 01	9.84E-02	4.59E-02	6.19E-02	8.56E-02	1.12E-01	2.36E-01	44
1.26E 01	1.26E 01	1.41E 01	1.58E 01	1.23E-01	5.82E-02	7.69E-02	9.68E-02	1.54E-01	2.99E-01	42
1.58E 01	1.55E 01	1.77E 01	1.97E 01	1.88E-01	7.03E-02	1.13E-01	1.57E-01	2.74E-01	5.24E-01	44
2.00E 01	2.01E 01	2.25E 01	2.53E 01	2.51E-01	1.13E-01	1.59E-01	2.24E-01	2.87E-01	7.36E-01	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	3.37E-01	1.37E-01	2.11E-01	2.99E-01	4.19E-01	9.33E-01	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	4.44E-01	1.86E-01	2.46E-01	4.17E-01	5.94E-01	9.55E-01	33
3.98E 01	3.99E 01	4.43E 01	4.88E 01	5.34E-01	2.98E-01	4.19E-01	4.71E-01	5.95E-01	1.22E 00	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	8.24E-01	2.47E-01	5.93E-01	7.44E-01	9.36E-01	1.43E 00	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	8.73E-01	6.04E-01	9.28E-01	9.95E-01	1.14E 00	1.39E 00	9
7.94E 01	7.99E 01	9.17E 01	9.95E 01	1.16E 00	5.43E-01	7.92E-01	1.10E 00	1.47E 00	1.78E 00	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	1.14E 00	7.09E-01	9.87E-01	1.19E 00	1.31E 00	1.43E 00	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	1.28E 00	1.17E 00				1.42E 00	3

TOTAL N: 1664

TABLE 10. ILLINOIS ATTENUATION FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	8.22E-04	7.25E-04	7.77E-04	7.99E-04	8.65E-04	9.06E-04	13
1.26E-01	1.26E-01	1.48E-01	1.55E-01	1.10E-03	1.02E-03	1.05E-03	1.08E-03	1.13E-03	1.34E-03	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	1.34E-03	1.14E-03	1.22E-03	1.30E-03	1.39E-03	1.84E-03	19
2.00E-01	2.00E-01	2.24E-01	2.49E-01	1.71E-03	1.44E-03	1.54E-03	1.69E-03	1.83E-03	2.27E-03	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	2.29E-03	1.75E-03	2.03E-03	2.20E-03	2.47E-03	3.93E-03	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	2.93E-03	2.38E-03	2.72E-03	2.84E-03	3.10E-03	4.53E-03	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	3.73E-03	2.88E-03	3.32E-03	3.61E-03	3.98E-03	5.95E-03	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	4.92E-03	3.71E-03	4.26E-03	4.73E-03	5.27E-03	8.06E-03	82
6.31E-01	6.31E-01	7.14E-01	7.93E-01	6.23E-03	4.61E-03	5.44E-03	5.88E-03	6.83E-03	1.17E-02	96
7.94E-01	7.96E-01	8.86E-01	1.00E 00	8.67E-03	5.75E-03	6.95E-03	8.01E-03	9.67E-03	1.85E-02	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.16E-02	7.41E-03	9.22E-03	1.02E-02	1.18E-02	4.44E-02	107
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.51E-02	9.38E-03	1.13E-02	1.33E-02	1.61E-02	5.31E-02	114
1.58E 00	1.59E 00	1.76E 00	1.98E 00	1.88E-02	1.13E-02	1.40E-02	1.63E-02	2.04E-02	4.79E-02	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.54E-02	1.52E-02	1.86E-02	2.25E-02	2.88E-02	6.36E-02	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	3.22E-02	1.81E-02	2.33E-02	2.89E-02	3.73E-02	1.33E-01	108
3.16E 00	3.18E 00	3.56E 00	3.98E 00	4.15E-02	2.37E-02	3.06E-02	3.72E-02	4.78E-02	8.32E-02	85
3.98E 00	3.99E 00	4.42E 00	5.00E 00	5.37E-02	2.92E-02	3.77E-02	4.56E-02	5.77E-02	1.79E-01	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	7.55E-02	3.98E-02	4.94E-02	6.03E-02	8.33E-02	2.04E-01	56
6.31E 00	6.33E 00	7.14E 00	7.93E 00	1.11E-01	5.42E-02	7.09E-02	9.57E-02	1.29E-01	2.59E-01	63
7.94E 00	8.05E 00	8.89E 00	9.83E 00	1.48E-01	6.76E-02	9.74E-02	1.27E-01	1.67E-01	3.31E-01	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.96E-01	9.37E-02	1.31E-01	1.72E-01	2.46E-01	4.20E-01	46
1.26E 01	1.26E 01	1.41E 01	1.58E 01	2.41E-01	1.12E-01	1.62E-01	2.10E-01	3.06E-01	4.84E-01	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	3.52E-01	1.30E-01	2.44E-01	3.31E-01	4.21E-01	6.98E-01	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	4.68E-01	2.42E-01	3.53E-01	4.30E-01	5.39E-01	9.66E-01	52
2.51E 01	2.52E 01	2.77E 01	3.15E 01	5.94E-01	2.79E-01	4.61E-01	5.96E-01	6.82E-01	1.18E 00	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	8.02E-01	3.98E-01	6.42E-01	7.69E-01	9.74E-01	1.83E 00	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	1.00E 00	6.62E-01	8.73E-01	9.84E-01	1.06E 00	1.61E 00	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	1.39E 00	6.62E-01	1.18E 00	1.35E 00	1.53E 00	2.40E 00	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	1.56E 00	1.01E 00	1.12E 00	1.50E 00	1.89E 00	2.23E 00	9
7.94E 01	7.95E 01	9.17E 01	9.95E 01	2.13E 00	1.18E 00	1.63E 00	2.11E 00	2.48E 00	3.27E 00	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	2.27E 00	1.55E 00	2.07E 00	2.27E 00	2.61E 00	2.68E 00	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	2.50E 00	2.31E 00				2.84E 00	3

TOTAL N: 1689

TABLE 11. ILLINOIS ATTENUATION FOR 1.87 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.09E-01	1.25E-01	3.63E-03	3.04E-03	3.37E-03	3.52E-03	3.75E-03	4.66E-03	13
1.26E-01	1.26E-01	1.48E-01	1.55E-01	4.86E-03	4.18E-03	4.45E-03	4.74E-03	5.09E-03	6.63E-03	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	5.87E-03	4.60E-03	4.98E-03	5.51E-03	6.14E-03	8.91E-03	19
2.00E-01	2.00E-01	2.24E-01	2.49E-01	7.68E-03	5.66E-03	6.62E-03	7.59E-03	9.29E-03	1.15E-02	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	1.05E-02	7.12E-03	9.20E-03	9.80E-03	1.20E-02	1.90E-02	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	1.36E-02	9.64E-03	1.17E-02	1.33E-02	1.51E-02	2.13E-02	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	1.73E-02	1.15E-02	1.44E-02	1.71E-02	1.93E-02	2.70E-02	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	2.31E-02	1.51E-02	1.90E-02	2.27E-02	2.55E-02	3.75E-02	82
6.31E-01	6.31E-01	7.18E-01	7.93E-01	2.89E-02	1.77E-02	2.43E-02	2.79E-02	3.26E-02	4.76E-02	96
7.94E-01	7.96E-01	8.86E-01	1.00E 00	3.90E-02	2.36E-02	3.14E-02	4.01E-02	4.59E-02	6.47E-02	97
1.00E 00	1.01E 00	1.13E 00	1.25E 00	5.13E-02	2.92E-02	4.29E-02	4.92E-02	5.87E-02	9.47E-02	107
1.26E 00	1.26E 00	1.41E 00	1.58E 00	6.51E-02	4.03E-02	5.45E-02	6.49E-02	7.34E-02	1.24E-01	114
1.58E 00	1.59E 00	1.76E 00	1.98E 00	8.03E-02	4.54E-02	6.59E-02	8.03E-02	9.36E-02	1.33E-01	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.09E-01	6.36E-02	8.66E-02	1.04E-01	1.28E-01	1.84E-01	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	1.30E-01	7.53E-02	1.09E-01	1.39E-01	1.56E-01	2.20E-01	108
3.16E 00	3.18E 00	3.56E 00	3.98E 00	1.77E-01	1.01E-01	1.45E-01	1.74E-01	2.03E-01	2.47E-01	85
3.98E 00	3.99E 00	4.42E 00	5.00E 00	2.22E-01	1.27E-01	1.72E-01	2.14E-01	2.58E-01	4.21E-01	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	2.90E-01	1.84E-01	2.30E-01	2.88E-01	3.32E-01	4.71E-01	56
6.31E 00	6.33E 00	7.14E 00	7.93E 00	4.01E-01	2.56E-01	3.42E-01	3.85E-01	4.61E-01	5.72E-01	63
7.94E 00	8.05E 00	8.89E 00	9.83E 00	5.27E-01	3.16E-01	4.48E-01	5.41E-01	5.90E-01	7.95E-01	49
1.00E 01	1.00E 01	1.12E 01	1.25E 01	6.70E-01	4.45E-01	5.98E-01	6.71E-01	7.64E-01	9.36E-01	46
1.26E 01	1.26E 01	1.41E 01	1.58E 01	8.42E-01	5.15E-01	7.47E-01	8.46E-01	9.53E-01	1.19E 00	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	1.13E 00	6.58E-01	1.00E 00	1.16E 00	1.23E 00	1.59E 00	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	1.47E 00	1.09E 00	1.33E 00	1.45E 00	1.59E 00	2.20E 00	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	1.82E 00	1.43E 00	1.61E 00	1.82E 00	2.01E 00	2.64E 00	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	2.33E 00	1.87E 00	2.10E 00	2.37E 00	2.49E 00	3.16E 00	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	2.98E 00	2.44E 00	2.68E 00	2.94E 00	3.16E 00	3.66E 00	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	3.85E 00	2.87E 00	3.57E 00	3.63E 00	4.04E 00	5.39E 00	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	4.63E 00	3.91E 00	4.16E 00	4.72E 00	5.15E 00	5.36E 00	9
7.94E 01	7.95E 01	9.17E 01	9.95E 01	6.17E 00	4.85E 00	5.31E 00	6.39E 00	7.01E 00	7.65E 00	9
1.00E 02	1.01E 02	1.10E 02	1.20E 02	7.24E 00	6.02E 00	6.45E 00	7.57E 00	7.96E 00	8.06E 00	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	8.37E 00	7.86E 00				8.97E 00	3

TOTAL N: 1689

TABLE 12. ILLINOIS ATTENUATION FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.05E-01	1.25E-01	2.44E-02	1.97E-02	2.36E-02	2.39E-02	2.91E-02	9.13E-02	13
1.26E-01	1.28E-01	1.40E-01	1.55E-01	3.29E-02	2.94E-02	3.16E-02	3.22E-02	3.42E-02	3.83E-02	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	3.93E-02	3.17E-02	3.43E-02	3.48E-02	4.24E-02	5.33E-02	19
2.00E-01	2.01E-01	2.24E-01	2.49E-01	5.13E-02	3.83E-02	4.56E-02	5.17E-02	5.43E-02	6.51E-02	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	6.80E-02	5.05E-02	6.71E-02	6.79E-02	7.62E-02	8.48E-02	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	8.74E-02	6.63E-02	8.05E-02	8.72E-02	9.39E-02	1.07E-01	54
3.98E-01	4.01E-01	4.53E-01	5.00E-01	1.09E-01	8.05E-02	9.86E-02	1.09E-01	1.19E-01	1.45E-01	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	1.40E-01	1.01E-01	1.28E-01	1.41E-01	1.52E-01	1.79E-01	72
6.31E-01	6.31E-01	7.18E-01	7.93E-01	1.75E-01	1.17E-01	1.62E-01	1.76E-01	1.92E-01	2.23E-01	96
7.94E-01	7.96E-01	8.86E-01	1.00E 00	2.20E-01	1.59E-01	2.03E-01	2.22E-01	2.41E-01	2.79E-01	67
1.00E 00	1.01E 00	1.13E 00	1.25E 00	2.85E-01	1.94E-01	2.65E-01	2.87E-01	3.06E-01	3.53E-01	107
1.26E 00	1.26E 00	1.41E 00	1.58E 00	3.65E-01	2.04E-01	3.28E-01	3.59E-01	3.78E-01	4.53E-01	114
1.58E 00	1.59E 00	1.76E 00	1.99E 00	4.61E-01	3.16E-01	4.09E-01	4.40E-01	4.84E-01	5.45E-01	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	5.76E-01	4.43E-01	5.32E-01	5.77E-01	6.19E-01	7.41E-01	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	7.15E-01	5.25E-01	6.48E-01	7.14E-01	7.68E-01	8.95E-01	105
3.16E 00	3.18E 00	3.56E 00	3.98E 00	9.14E-01	7.18E-01	8.49E-01	9.21E-01	9.83E-01	1.13E 00	85
3.98E 00	3.99E 00	4.42E 00	5.00E 00	1.12E 00	7.61E-01	1.03E 00	1.13E 00	1.23E 00	1.37E 00	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	1.41E 00	1.09E 00	1.29E 00	1.39E 00	1.52E 00	1.71E 00	51
6.31E 00	6.33E 00	7.14E 00	7.93E 00	1.80E 00	1.21E 00	1.71E 00	1.84E 00	1.93E 00	2.23E 00	33
7.94E 00	8.05E 00	8.89E 00	9.83E 00	2.26E 00	1.30E 00	2.11E 00	2.29E 00	2.42E 00	2.74E 00	44
1.00E 01	1.00E 01	1.12E 01	1.25E 01	2.85E 00	1.93E 00	2.63E 00	2.69E 00	3.12E 00	3.60E 00	49
1.26E 01	1.26E 01	1.41E 01	1.58E 01	3.58E 00	2.40E 00	3.41E 00	3.66E 00	3.82E 00	4.26E 00	42
1.58E 01	1.59E 01	1.79E 01	1.97E 01	4.35E 00	2.85E 00	4.04E 00	4.42E 00	4.74E 00	5.41E 00	44
2.00E 01	2.01E 01	2.25E 01	2.53E 01	5.47E 00	2.52E 00	4.92E 00	5.42E 00	6.03E 00	6.79E 00	52
2.51E 01	2.52E 01	2.77E 01	3.13E 01	6.55E 00	3.59E 00	5.63E 00	7.04E 00	7.35E 00	8.42E 00	41
3.16E 01	3.19E 01	3.46E 01	3.98E 01	8.06E 00	5.62E 00	7.22E 00	8.21E 00	8.87E 00	1.04E 01	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	1.04E 01	6.10E 00	9.87E 00	1.03E 01	1.16E 01	1.33E 01	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	1.21E 01	7.44E 00	1.03E 01	1.20E 01	1.41E 01	1.55E 01	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	1.44E 01	1.11E 01	1.52E 01	1.67E 01	1.82E 01	1.93E 01	9
7.94E 01	7.99E 01	9.17E 01	9.95E 01	2.12E 01	1.60E 01	1.93E 01	2.14E 01	2.30E 01	2.47E 01	9
1.00E 02	1.01E 02	1.10E 02	1.23E 02	2.73E 01	2.37E 01	2.44E 01	2.71E 01	3.01E 01	3.15E 01	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	3.32E 01	3.20E 01				3.52E 01	3

TOTAL N: 1689

TABLE 13. ILLINOIS ATTENUATION FOR 0.63 CM, 13 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.05E-01	1.25E-01	9.50E-02	6.81E-02	9.02E-02	9.53E-02	9.76E-02	1.15E-01	13
1.26E-01	1.26E-01	1.40E-01	1.55E-01	1.31E-01	9.21E-02	1.14E-01	1.32E-01	1.48E-01	1.57E-01	13
1.58E-01	1.60E-01	1.76E-01	1.97E-01	1.55E-01	1.14E-01	1.46E-01	1.56E-01	1.67E-01	1.99E-01	19
2.00E-01	2.01E-01	2.24E-01	2.49E-01	1.96E-01	1.27E-01	1.81E-01	1.96E-01	2.13E-01	2.32E-01	46
2.51E-01	2.52E-01	2.85E-01	3.15E-01	2.32E-01	1.65E-01	2.09E-01	2.32E-01	2.55E-01	3.08E-01	44
3.16E-01	3.19E-01	3.64E-01	3.97E-01	2.93E-01	2.16E-01	2.54E-01	2.88E-01	3.31E-01	3.87E-01	54
3.98E-01	4.03E-01	4.55E-01	5.00E-01	3.62E-01	2.22E-01	3.15E-01	3.63E-01	4.11E-01	4.86E-01	75
5.01E-01	5.02E-01	5.66E-01	6.28E-01	4.27E-01	2.62E-01	3.68E-01	4.26E-01	4.86E-01	5.65E-01	82
6.31E-01	6.31E-01	7.18E-01	7.93E-01	5.44E-01	2.89E-01	4.78E-01	5.54E-01	6.22E-01	7.50E-01	96
7.94E-01	7.96E-01	8.86E-01	1.00E 00	6.25E-01	3.24E-01	5.16E-01	6.22E-01	7.43E-01	9.31E-01	67
1.00E 00	1.01E 00	1.13E 00	1.25E 00	7.67E-01	3.74E-01	6.34E-01	7.63E-01	9.04E-01	1.11E 00	107
1.26E 00	1.26E 00	1.41E 00	1.58E 00	9.37E-01	2.86E-01	7.54E-01	9.63E-01	1.13E 00	1.41E 00	114
1.58E 00	1.59E 00	1.76E 00	1.99E 00	1.21E 00	5.38E-01	9.72E-01	1.15E 00	1.49E 00	1.87E 00	95
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.40E 00	4.95E-01	1.19E 00	1.33E 00	1.68E 00	2.13E 00	93
2.51E 00	2.52E 00	2.81E 00	3.16E 00	1.79E 00	7.40E-01	1.45E 00	1.76E 00	2.09E 00	2.42E 00	104
3.16E 00	3.18E 00	3.56E 00	3.98E 00	2.19E 00	9.15E-01	1.76E 00	2.11E 00	2.63E 00	3.49E 00	85
3.98E 00	3.99E 00	4.42E 00	5.00E 00	2.71E 00	8.32E-01	2.25E 00	2.71E 00	3.29E 00	4.08E 00	75
5.01E 00	5.02E 00	5.56E 00	6.30E 00	3.23E 00	1.31E 00	2.67E 00	3.37E 00	4.08E 00	5.31E 00	51
6.31E 00	6.33E 00	7.14E 00	7.93E 00	3.72E 00	9.57E-01	2.84E 00	3.91E 00	4.69E 00	6.25E 00	33
7.94E 00	8.05E 00	8.89E 00	9.83E 00	4.24E 00	1.50E 00	3.19E 00	4.30E 00	5.15E 00	8.32E 00	44
1.00E 01	1.00E 01	1.12E 01	1.25E 01	5.22E 00	2.23E 00	4.11E 00	5.37E 00	6.49E 00	9.22E 00	44
1.26E 01	1.26E 01	1.41E 01	1.58E 01	6.59E 00	2.75E 00	5.05E 00	6.67E 00	7.72E 00	1.22E 01	33
1.58E 01	1.59E 01	1.79E 01	1.97E 01	7.59E 00	3.30E 00	5.86E 00	7.42E 00	9.22E 00	1.13E 01	44
2.00E 01	2.01E 01	2.25E 01	2.50E 01	8.76E 00	2.76E 00	7.46E 00	8.75E 00	9.95E 00	1.49E 01	42
2.51E 01	2.52E 01	2.77E 01	3.13E 01	1.08E 01	4.08E 00	8.76E 00	1.15E 01	1.27E 01	1.80E 01	41
3.16E 01	3.19E 01	3.46E 01	3.93E 01	1.26E 01	7.54E 00	9.69E 00	1.30E 01	1.41E 01	1.94E 01	33
3.98E 01	3.99E 01	4.40E 01	4.88E 01	1.57E 01	7.33E 00	1.47E 01	1.68E 01	1.77E 01	2.34E 01	13
5.01E 01	5.05E 01	5.56E 01	6.24E 01	1.90E 01	9.08E 00	1.59E 01	1.93E 01	2.19E 01	3.16E 01	13
6.31E 01	6.31E 01	6.97E 01	7.72E 01	2.40E 01	1.23E 01	2.21E 01	2.63E 01	3.03E 01	3.77E 01	9
7.94E 01	7.99E 01	9.17E 01	9.95E 01	3.36E 01	2.31E 01	2.79E 01	2.97E 01	4.71E 01	4.63E 01	9
1.00E 02	1.01E 02	1.10E 02	1.22E 02	4.20E 01	3.36E 01	3.84E 01	4.23E 01	4.59E 01	4.94E 01	5
1.26E 02	1.29E 02	1.33E 02	1.39E 02	5.75E 01	4.78E 01				6.59E 01	3

TOTAL N: 1687

TABLE 1-. ILLINOIS RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 GM, 10 DEGREES C

TRUNCATED ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.26E-11	1.23E-11	1.49E-11	1.53E-11	4.08E-02	3.80E-02				4.36E-02	2
1.53E-11										
2.00E-11	2.31E-11	2.31E-11	2.31E-11	5.23E-02	5.23E-02				5.23E-02	1
2.51E-11	2.52E-11	2.81E-11	2.98E-11	6.17E-02	6.52E-02	6.13E-02	6.18E-02	6.87E-02	8.16E-02	6
3.16E-11	3.18E-11	3.48E-11	3.98E-11	8.26E-02	6.71E-02	7.26E-02	7.92E-02	9.26E-02	1.05E-01	6
3.98E-11	4.20E-11	4.33E-11	4.53E-11	7.95E-02	6.45E-02	6.59E-02	8.17E-02	8.99E-02	9.34E-02	6
5.01E-11	5.32E-11	5.78E-11	6.13E-11	1.07E-01	7.91E-02	8.43E-02	9.59E-02	1.18E-01	1.40E-01	12
6.31E-11	6.79E-11	7.24E-11	7.74E-11	1.40E-01	1.05E-01	1.05E-01	1.48E-01	1.64E-01	2.03E-01	14
7.94E-11	8.24E-11	9.11E-11	9.91E-11	1.92E-01	1.13E-01	1.55E-01	1.84E-01	2.18E-01	3.41E-01	15
1.00E-10	1.02E-10	1.14E-10	1.23E-10	1.96E-01	1.61E-01	1.69E-01	1.97E-01	2.14E-01	2.73E-01	13
1.26E-10	1.28E-10	1.40E-10	1.58E-10	2.25E-01	1.63E-01	2.01E-01	2.31E-01	2.47E-01	3.29E-01	14
1.59E-10	1.59E-10	1.81E-10	1.99E-10	3.03E-01	1.48E-01	2.22E-01	2.78E-01	3.79E-01	6.17E-01	45
2.00E-10	2.01E-10	2.25E-10	2.50E-10	3.75E-01	1.92E-01	2.72E-01	3.46E-01	4.61E-01	7.44E-01	43
2.51E-10	2.52E-10	2.86E-10	3.14E-10	4.02E-01	2.00E-01	3.05E-01	3.84E-01	4.62E-01	7.[illegible]E-01	39
3.16E-10	3.17E-10	3.61E-10	3.98E-10	5.12E-01	2.78E-01	3.55E-01	4.49E-01	6.46E-01	1.[illegible]E 00	69
3.98E-10	3.99E-10	4.51E-10	5.01E-10	5.70E-01	3.32E-01	4.57E-01	5.14E-01	6.61E-01	9.94E-01	62
5.01E-10	5.03E-10	5.63E-10	6.30E-10	6.47E-01	3.12E-01	5.30E-01	6.16E-01	7.99E-01	1.22E 00	59
6.31E-10	6.31E-10	7.08E-10	7.94E-10	8.22E-01	3.89E-01	6.41E-01	7.53E-01	9.64E-01	1.73E 00	72
7.94E-10	7.95E-10	8.90E-10	1.00E-09	1.02E 00	4.79E-01	7.28E-01	9.43E-01	1.26E 00	1.91E 00	61
1.00E-09	1.01E-09	1.13E-09	1.25E-09	1.16E 00	5.49E-01	8.69E-01	1.09E 00	1.36E 00	2.24E 00	75
1.26E-09	1.22E-09	1.42E-09	1.58E-09	1.29E 00	6.07E-01	9.78E-01	1.23E 00	1.50E 00	2.52E 00	83
1.58E-09	1.59E-09	1.79E-09	1.99E-09	1.66E 00	6.68E-01	1.19E 00	1.54E 00	2.07E 00	3.77E 00	79
2.00E-09	2.00E-09	2.24E-09	2.51E-09	1.87E 00	8.36E-01	1.35E 00	1.69E 00	2.30E 00	4.04E 00	84
2.51E-09	2.54E-09	2.83E-09	3.15E-09	2.35E 00	8.52E-01	1.64E 00	2.25E 00	2.84E 00	4.47E 00	81
3.16E-09	3.17E-09	3.54E-09	3.98E-09	2.71E 00	1.16E 00	1.91E 00	2.52E 00	3.59E 00	4.94E 00	63
3.98E-09	4.00E-09	4.49E-09	5.01E-09	3.04E 00	1.13E 00	2.17E 00	2.83E 00	3.75E 00	5.76E 00	69
5.01E-09	5.02E-09	5.53E-09	6.25E-09	3.56E 00	1.66E 00	2.68E 00	3.36E 00	4.27E 00	6.75E 00	77
6.31E-09	6.32E-09	7.01E-09	7.93E-09	4.19E 00	1.62E 00	2.82E 00	4.[illegible]E 00	5.12E 00	8.42E 00	74
7.94E-09	7.97E-09	8.87E-09	9.83E-09	4.94E 00	1.23E 00	3.61E 00	4.60E 00	6.81E 00	9.77E 00	58
1.00E-08	1.00E-08	1.14E-08	1.25E-08	5.78E 00	2.06E 00	3.38E 00	5.35E 00	7.48E 00	1.14E 01	45
1.26E-08	1.26E-08	1.38E-08	1.54E-08	6.96E 00	1.29E 00	5.11E 00	6.77E 00	8.38E 00	1.40E 01	41
1.58E-08	1.60E-08	1.83E-08	1.99E-08	9.32E 00	4.48E 00	7.23E 00	8.98E 00	1.13E 01	1.59E 01	33
2.00E-08	2.00E-08	2.24E-08	2.48E-08	9.88E 00	3.03E 00	7.[illegible]E 00	9.27E 00	1.23E 01	1.78E 01	44
2.51E-08	2.52E-08	2.80E-08	3.16E-08	9.95E 00	4.74E 00	7.89E 00	9.69E 00	1.21E 01	1.95E 01	25
3.16E-08	3.17E-08	3.57E-08	3.98E-08	1.38E 01	5.76E 00	1.30E 01	1.30E 01	1.82E 01	2.90E 01	41
3.98E-08	3.99E-08	4.42E-08	4.92E-08	1.51E 01	6.93E 00	1.07E 01	1.50E 01	1.72E 01	3.35E 01	25
5.01E-08	5.03E-08	5.63E-08	6.29E-08	1.86E 01	4.88E 00	1.46E 01	1.96E 01	2.24E 01	3.62E 01	33
6.31E-08	6.31E-08	7.16E-08	7.87E-08	2.11E 01	4.79E 00	1.78E 01	2.08E 01	2.40E 01	3.53E 01	33
7.94E-08	8.01E-08	8.86E-08	9.86E-08	2.17E 01	9.77E 00	1.29E 01	2.25E 01	2.75E 01	3.28E 01	23
1.00E-07	1.01E-07	1.13E-07	1.24E-07	2.67E 01	6.58E 00	2.02E 01	2.74E 01	3.31E 01	5.55E 01	37
1.26E-07	1.26E-07	1.42E-07	1.57E-07	3.02E 01	1.60E 01	2.14E 01	3.1CE 01	3.74E 01	4.73E 01	12
1.58E-07	1.61E-07	1.78E-07	1.95E-07	3.88E 01	6.37E 00	2.59E 01	3.35E 01	4.72E 01	8.61E 01	23
2.00E-07	2.01E-07	2.24E-07	2.48E-07	4.38E 01	1.88E 01	2.62E 01	3.52E 01	5.44E 01	1.03E 02	27
2.51E-07	2.52E-07	2.73E-07	2.94E-07	4.62E 01	1.81E 01	3.19E 01	4.76E 01	5.76E 01	8.53E 01	13
3.16E-07	3.19E-07	3.62E-07	3.96E-07	7.82E 01	3.37E 01	4.73E 01	5.89E 01	1.19E 02	1.34E 02	7
3.98E-07	4.00E-07	4.52E-07	4.93E-07	8.78E 01	3.85E 01	7.48E 01	8.96E 01	1.61E 02	1.27E 02	1
5.01E-07	5.08E-07	5.85E-07	6.24E-07	6.86E 01	2.66E 01	2.77E 01	6.31E 01	1.03E 02	1.32E 02	7
6.31E-07	6.48E-07	7.31E-07	7.94E-07	4.46E 01	2.45E 01	3.38E 01	4.69E 01	5.53E 01	6.31E 01	4
7.94E-07										
1.00E-06	1.07E-06	1.07E-06	1.07E-06	9.80E 01	9.80E 01				9.80E 01	1
1.26E-06	1.38E-06	1.38E-06	1.38E-06	6.24E 01	6.24E 01				6.24E 01	1

TOTAL N: 1714

TABLE 25. ILLINOIS RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.26E-10	1.33E-10	1.33E-10	1.33E-10	1.04E-02	1.04E-02				1.04E-02	1
1.58E-10										
2.00E-10										
2.51E-10	3.07E-10	3.07E-10	3.07E-10	2.76E-02	2.76E-02				2.76E-02	1
3.16E-10										
3.98E-10										
5.01E-10	5.56E-10	5.56E-10	5.56E-10	4.98E-02	3.80E-02				6.16E-02	2
6.31E-10										
7.94E-10	8.80E-10	9.59E-10	9.59E-10	9.18E-02	9.18E-02				9.18E-02	2
1.00E-09	1.04E-09	1.13E-09	1.24E-09	6.66E-02	4.52E-02	6.11E-02	6.71E-02	7.74E-02	8.14E-02	7
1.26E-09	1.22E-09	1.41E-09	1.91E-09	9.16E-02	7.82E-02				1.05E-01	2
1.58E-09	1.59E-09	1.64E-09	1.73E-09	7.95E-02	6.65E-02	8.55E-02	8.17E-02	8.99E-02	9.34E-02	6
2.00E-09	2.01E-09	2.23E-09	2.47E-09	1.11E-01	7.91E-02	8.50E-02	1.00E-01	1.20E-01	1.86E-01	14
2.51E-09	2.54E-09	2.83E-09	3.16E-09	1.47E-01	1.05E-01	1.05E-01	1.49E-01	1.71E-01	2.17E-01	13
3.16E-09	3.19E-09	3.56E-09	3.94E-09	1.85E-01	1.13E-01	1.53E-01	1.76E-01	2.16E-01	3.01E-01	17
3.98E-09	4.03E-09	4.44E-09	5.01E-09	1.92E-01	1.01E-01	1.62E-01	2.01E-01	2.18E-01	2.73E-01	27
5.01E-09	5.06E-09	5.71E-09	6.28E-09	2.36E-01	1.48E-01	2.18E-01	2.32E-01	2.47E-01	3.63E-01	29
6.31E-09	6.33E-09	7.12E-09	7.87E-09	3.20E-01	1.63E-01	2.46E-01	3.04E-01	3.89E-01	6.17E-01	44
7.94E-09	7.95E-09	8.82E-09	9.99E-09	3.69E-01	1.92E-01	2.72E-01	3.45E-01	4.56E-01	7.34E-01	43
1.00E-08	1.01E-08	1.14E-08	1.25E-08	4.29E-01	2.17E-01	3.22E-01	4.18E-01	5.27E-01	7.86E-01	46
1.26E-08	1.26E-08	1.42E-08	1.58E-08	5.26E-01	2.78E-01	3.81E-01	4.57E-01	6.42E-01	1.07E 00	62
1.58E-08	1.59E-08	1.78E-08	1.98E-08	6.02E-01	3.32E-01	4.75E-01	5.54E-01	7.15E-01	1.08E 00	69
2.00E-08	2.00E-08	2.26E-08	2.51E-08	6.51E-01	3.12E-01	5.37E-01	6.25E-01	7.45E-01	1.20E 00	67
2.51E-08	2.52E-08	2.80E-08	3.14E-08	8.75E-01	4.29E-01	6.58E-01	8.35E-01	1.03E 00	1.70E 00	72
3.16E-08	3.18E-08	3.56E-08	3.98E-08	1.06E 00	5.43E-01	7.47E-01	1.06E 00	1.28E 00	1.91E 00	64
3.98E-08	3.99E-08	4.48E-08	5.01E-08	1.24E 00	5.02E-01	9.20E-01	1.16E 00	1.48E 00	2.52C 00	82
5.01E-08	5.02E-08	5.64E-08	6.30E-08	1.33E 00	6.68E-01	1.03E 00	1.26E 00	1.51E 00	2.45E 00	81
6.31E-08	6.31E-08	7.10E-08	7.96E-08	1.80E 00	7.63E-01	1.30E 00	1.59E 00	2.19E 00	3.77E 00	86
7.94E-08	7.97E-08	8.95E-08	9.99E-08	1.94E 00	8.52E-01	1.38E 00	1.82E 00	2.52E 00	4.02E 00	82
1.00E-07	1.00E-07	1.12E-07	1.25E-07	2.57E 00	1.16E 00	1.80E 00	2.49E 00	3.29E 00	4.54E 00	77
1.26E-07	1.26E-07	1.42E-07	1.58E-07	2.80E 00	1.13E 00	2.02E 00	2.74E 00	3.72E 00	5.36E 00	65
1.58E-07	1.60E-07	1.81E-07	1.99E-07	3.40E 00	1.28E 00	2.58E 00	3.16E 00	4.25E 00	6.19E 00	79
2.00E-07	2.00E-07	2.26E-07	2.51E-07	3.81E 00	1.42E 00	2.76E 00	3.62E 00	4.67E 00	7.54E 00	70
2.51E-07	2.52E-07	2.78E-07	3.13E-07	4.74E 00	1.83E 00	3.34E 00	4.29E 00	6.19E 00	8.92E 00	66
3.16E-07	3.17E-07	3.48E-07	3.97E-07	4.83E 00	1.23E 00	3.64E 00	4.55E 00	6.24E 00	9.77E 00	78
3.98E-07	4.01E-07	4.46E-07	5.00E-07	6.70E 00	2.10E 00	5.02E 00	6.29E 00	8.25E 00	1.48E 01	54
5.01E-07	5.05E-07	5.64E-07	6.28E-07	7.98E 00	1.29E 00	6.78E 00	7.72E 00	9.01E 00	1.59E 01	24
6.31E-07	6.42E-07	7.05E-07	7.77E-07	8.89E 00	3.03E 00	7.08E 00	8.32E 00	1.13E 01	1.41E 01	35
7.94E-07	8.04E-07	8.81E-07	9.81E-07	1.05E 01	4.66E 00	7.94E 00	1.01E 01	1.30E 01	1.78E 01	33
1.00E-06	1.02E-06	1.14E-06	1.25E-06	1.24E 01	5.99E 00	9.67E 00	1.23E 01	1.45E 01	1.96E 01	26
1.26E-06	1.28E-06	1.39E-06	1.55E-06	1.43E 01	5.76E 00	1.02E 01	1.27E 01	1.89E 01	2.94E 01	36
1.58E-06	1.59E-06	1.78E-06	1.96E-06	1.81E 01	6.93E 00	1.42E 01	1.75E 01	2.12E 01	3.15E 01	25
2.00E-06	2.00E-06	2.22E-06	2.51E-06	1.95E 01	7.28E 00	1.51E 01	2.04E 01	2.74E 01	3.02E 01	24
2.51E-06	2.52E-06	2.80E-06	3.13E-06	2.28E 01	6.93E 00	1.81E 01	2.24E 01	2.82E 01	3.53E 01	31
3.16E-06	3.19E-06	3.57E-06	3.98E-06	2.62E 01	1.17E 01	1.68E 01	2.41E 01	3.24E 01	5.55E 01	22
3.98E-06	4.02E-06	4.48E-06	5.00E-06	2.64E 01	4.88E 00	2.14E 01	2.64E 01	3.13E 01	5.91E 01	22
5.01E-06	5.06E-06	5.62E-06	6.07E-06	3.45E 01	4.79E 00	2.09E 01	3.47E 01	4.61E 01	7.40E 01	17
6.31E-06	6.26E-06	6.83E-06	7.77E-06	3.70E 01	9.77E 00	1.43E 01	3.59E 01	4.63E 01	8.61E 01	11
7.94E-06	8.08E-06	8.63E-06	9.62E-06	4.24E 01	8.13E 00	2.14E 01	3.31E 01	5.81E 01	1.03E 02	10
1.00E-05	1.01E-05	1.10E-05	1.22E-05	3.47E 01	6.58E 00	2.44E 01	2.99E 01	4.17E 01	8.53E 01	7
1.26E-05	1.27E-05	1.42E-05	1.58E-05	6.48E 01	1.83E 01	3.05E 01	4.24E 01	1.05E 02	1.34E 02	15
1.59E-05	1.59E-05	1.76E-05	1.92E-05	4.71E 01	6.37E 00	2.06E 01	2.03E 01	8.38E 01	1.19E 02	7
2.00E-05	2.04E-05	2.21E-05	2.47E-05	6.40E 01	3.37E 01	4.83E 01	6.36E 01	7.73E 01	9.94E 01	3
2.51E-05	2.54E-05	2.84E-05	2.93E-05	6.20E 01	1.81E 01				1.06E 02	2
3.16E-05	3.21E-05	3.55E-05	3.93E-05	8.13E 01	3.85E 01	5.69E 01	7.72E 01	1.05E 02	1.32E 02	5
3.98E-05	4.49E-05	4.49E-05	4.49E-05	3.00E 01	3.00E 01				3.00E 01	1
5.01E-05	5.63E-05	5.93E-05	6.15E-05	3.79E 01	2.66E 01				6.31E 01	3
6.31E-05	6.49E-05	7.15E-05	7.94E-05	5.41E 01	2.49E 01	3.38E 01	4.69E 01	7.43E 01	9.46E 01	4
7.94E-05										
1.00E-04										
1.26E-04	1.39E-04	1.39E-04	1.39E-04	6.24E 01	6.24E 01				6.24E 01	1

TOTAL N: 1715

TABLE 16. ILLINOIS RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (CM)	MIN ETA (CM)	MEAN ETA (CM)	MAX ETA (CM)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.26E-09	1.27E-09	1.34E-09	1.42E-09	4.08E-02	3.80E-02				4.36E-02	2
1.58E-09										
2.00E-09	2.13E-09	2.22E-09	2.32E-09	5.18E-02	5.13E-02				5.23E-02	2
2.51E-09	2.52E-09	2.74E-09	2.99E-09	6.66E-02	6.52E-02	6.11E-02	6.71E-02	7.74E-02	8.14E-02	7
3.16E-09	3.18E-09	3.49E-09	3.88E-09	8.53E-02	8.45E-02	7.48E-02	8.56E-02	9.63E-02	1.05E-01	5
3.98E-09	4.00E-09	4.50E-09	4.96E-09	8.40E-02	8.35E-02	7.79E-02	8.47E-02	8.99E-02	1.31E-01	6
5.01E-09	5.12E-09	5.56E-09	6.12E-09	1.16E-01	7.91E-02	8.87E-02	1.05E-01	1.37E-01	1.80E-01	12
6.31E-09	6.49E-09	7.09E-09	7.91E-09	1.66E-01	1.05E-01	1.17E-01	1.55E-01	2.01E-01	3.01E-01	15
7.94E-09	8.04E-09	8.93E-09	1.00E-08	1.74E-01	1.01E-01	1.44E-01	1.62E-01	2.12E-01	2.73E-01	17
1.00E-08	1.02E-08	1.12E-08	1.25E-08	1.99E-01	1.26E-01	1.74E-01	2.03E-01	2.24E-01	2.65E-01	20
1.26E-08	1.28E-08	1.44E-08	1.58E-08	2.60E-01	1.44E-01	2.19E-01	2.33E-01	2.81E-01	4.98E-01	24
1.58E-08	1.59E-08	1.78E-08	1.99E-08	3.29E-01	1.82E-01	2.54E-01	2.92E-01	3.91E-01	6.66E-01	45
2.00E-08	2.00E-08	2.23E-08	2.51E-08	3.75E-01	1.92E-01	2.97E-01	3.61E-01	4.59E-01	7.34E-01	43
2.51E-08	2.53E-08	2.84E-08	3.15E-08	4.54E-01	2.40E-01	3.22E-01	4.19E-01	5.59E-01	9.37E-01	47
3.16E-08	3.17E-08	3.54E-08	3.96E-08	5.27E-01	3.07E-01	3.96E-01	4.65E-01	6.25E-01	1.07E 00	64
3.98E-08	3.99E-08	4.45E-08	5.00E-08	6.25E-01	3.32E-01	4.94E-01	5.91E-01	7.22E-01	1.20E 00	64
5.01E-08	5.02E-08	5.63E-08	6.29E-08	7.10E-01	3.12E-01	5.20E-01	6.72E-01	8.11E-01	1.70E 00	85
6.31E-08	6.31E-08	7.02E-08	7.90E-08	8.69E-01	4.29E-01	6.99E-01	8.14E-01	1.05E 00	1.67E 00	77
7.94E-08	8.03E-08	9.06E-08	1.00E-07	1.14E 00	5.49E-01	8.39E-01	1.11E 00	1.39E 00	1.94E 00	66
1.00E-07	1.01E-07	1.12E-07	1.24E-07	1.23E 00	5.62E-01	9.35E-01	1.16E 00	1.47E 00	2.52E 00	78
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.40E 00	6.68E-01	1.04E 00	1.29E 00	1.65E 00	2.78E 00	84
1.58E-07	1.59E-07	1.79E-07	1.99E-07	1.80E 00	7.63E-01	1.31E 00	1.65E 00	2.10E 00	3.77E 00	85
2.00E-07	2.01E-07	2.25E-07	2.50E-07	2.19E 00	9.37E-01	1.51E 00	2.09E 00	2.66E 00	4.07E 00	79
2.51E-07	2.52E-07	2.79E-07	3.16E-07	2.58E 00	8.52E-01	1.80E 00	2.49E 00	3.27E 00	4.94E 00	69
3.16E-07	3.17E-07	3.53E-07	3.97E-07	2.87E 00	1.21E 00	2.07E 00	2.76E 00	3.72E 00	5.60E 00	64
3.98E-07	4.02E-07	4.48E-07	4.99E-07	3.37E 00	1.13E 00	2.58E 00	3.17E 00	4.20E 00	6.19E 00	78
5.01E-07	5.02E-07	5.64E-07	6.29E-07	4.14E 00	1.76E 00	2.94E 00	4.07E 00	5.06E 00	8.92E 00	87
6.31E-07	6.32E-07	7.13E-07	7.92E-07	4.72E 00	1.42E 00	3.10E 00	4.19E 00	6.63E 00	9.77E 00	68
7.94E-07	7.58E-07	8.99E-07	9.95E-07	4.88E 00	1.83E 00	3.29E 00	4.75E 00	6.23E 00	8.39E 00	51
1.00E-06	1.01E-06	1.12E-06	1.24E-06	6.84E 00	2.06E 00	4.99E 00	6.66E 00	8.52E 00	1.48E 01	46
1.26E-06	1.26E-06	1.38E-06	1.58E-06	7.03E 00	1.23E 00	4.48E 00	6.92E 00	8.78E 00	1.59E 01	34
1.58E-06	1.59E-06	1.76E-06	1.99E-06	9.14E 00	2.10E 00	7.15E 00	8.81E 00	1.13E 01	1.78E 01	32
2.00E-06	2.00E-06	2.19E-06	2.48E-06	9.88E 00	1.29E 00	7.15E 00	9.66E 00	1.29E 01	1.43E 01	32
2.51E-06	2.55E-06	2.82E-06	3.16E-06	1.23E 01	3.03E 00	8.23E 00	1.20E 01	1.52E 01	2.32E 01	22
3.16E-06	3.21E-06	3.53E-06	3.91E-06	1.43E 01	4.46E 00	8.68E 00	1.32E 01	1.88E 01	3.35E 01	32
3.98E-06	4.00E-06	4.53E-06	5.01E-06	1.46E 01	5.76E 00	1.01E 01	1.25E 01	1.94E 01	2.57E 01	29
5.01E-06	5.11E-06	5.56E-06	6.15E-06	1.95E 01	7.22E 00	1.53E 01	2.02E 01	2.35E 01	3.62E 01	22
6.31E-06	6.46E-06	7.08E-06	7.87E-06	1.93E 01	6.93E 00	1.34E 01	1.80E 01	2.43E 01	3.53E 01	25
7.94E-06	7.99E-06	8.78E-06	9.78E-06	2.36E 01	6.93E 00	1.82E 01	2.23E 01	2.73E 01	5.08E 01	25
1.00E-05	1.00E-05	1.11E-05	1.25E-05	2.59E 01	1.04E 01	1.65E 01	2.45E 01	3.31E 01	5.55E 01	22
1.26E-05	1.26E-05	1.39E-05	1.55E-05	2.31E 01	4.79E 00	1.77E 01	2.33E 01	3.08E 01	3.91E 01	25
1.58E-05	1.59E-05	1.76E-05	1.98E-05	3.64E 01	9.77E 00	2.05E 01	3.11E 01	4.73E 01	8.61E 01	22
2.00E-05	2.02E-05	2.20E-05	2.45E-05	3.69E 01	8.13E 00	1.65E 01	2.74E 01	4.34E 01	1.33E 02	13
2.51E-05	2.52E-05	2.71E-05	3.11E-05	3.47E 01	6.58E 00	2.20E 01	3.31E 01	5.46E 01	7.13E 01	14
3.16E-05	3.19E-05	3.57E-05	3.97E-05	3.54E 01	6.37E 00	2.58E 01	3.33E 01	3.93E 01	5.53E 01	22
3.98E-05	4.25E-05	4.51E-05	4.87E-05	6.73E 01	1.88E 01	2.90E 01	4.76E 01	1.14E 02	1.39E 02	12
5.01E-05	5.06E-05	5.83E-05	6.21E-05	6.00E 01	1.81E 01	3.13E 01	5.05E 01	9.05E 01	1.19E 02	7
6.31E-05	6.44E-05	7.01E-05	7.20E-05	7.13E 01	3.37E 01	6.00E 01	7.48E 01	9.48E 01	9.94E 01	5
7.94E-05	8.48E-05	9.02E-05	9.61E-05	8.84E 01	3.85E 01	5.78E 01	9.16E 01	1.19E 02	1.32E 02	4
1.00E-04	1.04E-04	1.12E-04	1.18E-04	5.39E 01	2.66E 01	2.83E 01	4.65E 01	7.94E 01	9.58E 01	4
1.26E-04	1.27E-04	1.44E-04	1.54E-04	3.87E 01	2.45E 01	2.57E 01	3.56E 01	5.16E 01	6.01E 01	6
1.59E-04	1.61E-04	1.61E-04	1.61E-04	5.06E 01	5.06E 01				5.06E 01	1
2.00E-04	2.11E-04	2.11E-04	2.11E-04	9.80E 01	9.80E 01				9.80E 01	1
2.51E-04	3.01E-04	3.01E-04	3.01E-04	6.24E 01	6.24E 01				6.24E 01	1

TOTAL N: 1714

TABLE 17. ILLINOIS ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 13.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.26E-11	1.37E-11	1.45E-11	1.53E-11	2.09E-05	1.95E-05				2.23E-05	2
1.58E-11										
2.00E-11	2.31E-11	2.31E-11	2.31E-11	2.64E-05	2.64E-05				2.64E-05	1
2.51E-11	2.52E-11	2.81E-11	2.98E-11	3.06E-05	1.95E-05	2.41E-05	2.95E-05	3.43E-05	4.23E-05	6
3.16E-11	3.19E-11	3.46E-11	3.99E-11	4.24E-05	3.11E-05	3.44E-05	3.89E-05	5.34E-05	6.18E-05	4
3.98E-11	4.02E-11	4.33E-11	4.53E-11	3.62E-05	2.76E-05	2.80E-05	3.81E-05	4.17E-05	4.37E-05	5
5.01E-11	5.12E-11	5.78E-11	6.13E-11	5.34E-05	3.38E-05	3.71E-05	4.32E-05	5.57E-05	1.02E-04	12
6.31E-11	6.33E-11	7.20E-11	7.74E-11	6.65E-05	4.47E-05	4.66E-05	5.91E-05	7.74E-05	1.39E-04	14
7.94E-11	8.24E-11	9.11E-11	9.91E-11	9.47E-05	4.81E-05	7.26E-05	8.51E-05	1.13E-04	1.84E-04	15
1.00E-10	1.02E-10	1.14E-10	1.23E-10	8.63E-05	4.27E-05	6.92E-05	8.63E-05	9.72E-05	1.43E-04	19
1.26E-10	1.26E-10	1.40E-10	1.58E-10	1.01E-04	5.77E-05	9.12E-05	1.05E-04	1.13E-04	1.62E-04	15
1.58E-10	1.59E-10	1.81E-10	1.99E-10	1.42E-04	6.15E-05	9.63E-05	1.20E-04	1.80E-04	3.40E-04	45
2.00E-10	2.01E-10	2.29E-10	2.50E-10	1.76E-04	7.83E-05	1.15E-04	1.49E-04	2.22E-04	4.05E-04	[illegible]
2.51E-10	2.52E-10	2.80E-10	3.16E-10	1.78E-04	8.27E-05	1.25E-04	1.61E-04	2.04E-04	3.79E-04	54
3.16E-10	3.17E-10	3.61E-10	3.98E-10	2.33E-04	1.10E-04	1.44E-04	1.87E-04	3.05E-04	5.79E-04	63
3.98E-10	3.99E-10	4.51E-10	5.01E-10	2.49E-04	1.34E-04	1.87E-04	2.12E-04	2.91E-04	4.70E-04	[illegible]
5.01E-10	5.03E-10	5.63E-10	6.30E-10	2.78E-04	1.27E-04	2.17E-04	[illegible]	3.31E-04	[illegible]	[illegible]
6.31E-10	6.31E-10	7.06E-10	7.94E-10	3.57E-04	1.55E-04	2.58E-04	3.06E-04	4.19E-04	9.30E-04	77
7.94E-10	7.95E-10	8.93E-10	1.03E-09	4.40E-04	1.60E-04	2.89E-04	3.99E-04	5.59E-04	9.35E-04	71
1.00E-09	1.01E-09	1.13E-09	1.25E-09	4.93E-04	2.11E-04	3.57E-04	4.48E-04	5.74E-04	1.24E-03	75
1.26E-09	1.26E-09	1.42E-09	1.58E-09	5.35E-04	2.36E-04	3.34E-04	4.90E-04	6.19E-04	1.19E-03	43
1.58E-09	1.59E-09	1.79E-09	1.99E-09	7.03E-04	2.75E-04	4.59E-04	6.26E-04	8.79E-04	1.81E-03	[illegible]
2.00E-09	2.00E-09	2.24E-09	2.51E-09	7.75E-04	3.25E-04	5.29E-04	6.73E-04	9.97E-04	1.77E-03	84
2.51E-09	2.54E-09	2.83E-09	3.15E-09	9.77E-04	3.62E-04	6.52E-04	8.84E-04	1.22E-03	2.34E-03	91
3.16E-09	3.17E-09	3.54E-09	3.98E-09	1.11E-03	4.67E-04	7.44E-04	9.92E-04	1.49E-03	1.96E-03	[illegible]
3.98E-09	4.00E-09	4.49E-09	5.01E-09	1.24E-03	4.64E-04	8.38E-04	1.13E-03	1.53E-03	[illegible]	64
5.01E-09	5.02E-09	5.53E-09	6.25E-09	1.44E-03	6.58E-04	1.08E-03	1.34E-03	1.77E-03	2.47E-03	[illegible]
6.31E-09	6.32E-09	7.02E-09	7.93E-09	1.70E-03	6.24E-04	1.12E-03	1.57E-03	2.15E-03	3.79E-03	74
7.94E-09	7.97E-09	8.87E-09	9.83E-09	1.94E-03	6.00E-04	1.43E-03	1.80E-03	2.73E-03	4.13E-03	35
1.00E-08	1.00E-08	1.14E-08	1.25E-08	2.33E-03	8.95E-04	1.56E-03	2.26E-03	3.02E-03	4.17E-03	45
1.26E-08	1.26E-08	1.38E-08	1.56E-08	2.83E-03	7.32E-04	2.13E-03	2.70E-03	3.40E-03	[illegible]	[illegible]
1.58E-08	1.60E-08	1.83E-08	1.99E-08	3.72E-03	1.81E-03	2.89E-03	3.63E-03	4.35E-03	[illegible]	[illegible]
2.00E-08	2.00E-08	2.24E-08	2.48E-08	3.86E-03	1.44E-03	2.46E-03	3.61E-03	4.90E-03	7.34E-03	34
2.51E-08	2.52E-08	2.83E-08	3.16E-08	3.99E-03	2.13E-03	3.14E-03	3.95E-03	4.55E-03	6.56E-03	25
3.16E-08	3.17E-08	3.57E-08	3.94E-08	5.59E-03	2.60E-03	4.14E-03	5.22E-03	7.24E-03	1.12E-02	41
3.98E-08	3.99E-08	4.42E-08	4.92E-08	5.14E-03	3.28E-03	4.50E-03	5.79E-03	6.39E-03	1.23E-02	[illegible]
5.01E-08	5.03E-08	5.63E-08	6.29E-08	7.56E-03	3.14E-03	6.25E-03	8.02E-03	8.64E-03	1.39E-02	33
6.31E-08	6.31E-08	7.18E-08	7.87E-08	8.85E-03	3.36E-03	7.45E-03	8.74E-03	9.75E-03	1.43E-02	33
7.94E-08	8.01E-08	8.86E-08	9.86E-08	9.36E-03	5.60E-03	6.02E-03	9.64E-03	1.14E-02	1.44E-02	28
1.00E-07	1.01E-07	1.13E-07	1.24E-07	1.17E-02	5.52E-03	9.31E-03	1.17E-02	1.30E-02	2.23E-02	37
1.26E-07	1.26E-07	1.42E-07	1.57E-07	1.35E-02	8.20E-03	[illegible]	1.37E-02	[illegible]	1.93E-02	12
1.58E-07	1.61E-07	1.78E-07	1.95E-07	1.75E-02	8.68E-03	1.33E-02	1.52E-02	1.92E-02	3.43E-02	23
2.00E-07	2.01E-07	2.24E-07	2.48E-07	2.30E-02	1.21E-02	1.44E-02	1.71E-02	2.32E-02	4.15E-02	[illegible]
2.51E-07	2.52E-07	2.73E-07	2.94E-07	2.26E-02	1.49E-02	1.59E-02	2.20E-02	2.59E-02	3.43E-02	[illegible]
3.16E-07	3.19E-07	3.62E-07	3.96E-07	3.56E-02	1.99E-02	2.52E-02	2.87E-02	[illegible]	5.31E-02	7
3.98E-07	4.08E-07	4.52E-07	4.93E-07	4.54E-02	2.54E-02	3.53E-02	4.02E-02	4.60E-02	5.11E-02	[illegible]
5.01E-07	[illegible]	5.85E-07	6.24E-07	3.96E-02	2.52E-02	3.30E-02	3.63E-02	4.82E-02	5.47E-02	7
6.31E-07	6.48E-07	7.31E-07	7.74E-07	3.96E-02	3.26E-02	3.50E-02	4.06E-02	4.46E-02	4.53E-02	4
7.94E-07										
1.00E-06	1.07E-06	1.07E-06	1.07E-06	6.39E-02	6.39E-02				6.39E-02	1
1.26E-06	1.38E-06	1.38E-06	1.38E-06	7.11E-02	7.11E-02				7.11E-02	1

TOTAL N: 1714

TABLE 18. ILLINOIS ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.26E-10	1.33E-10	1.33E-10	1.33E-10	4.36E-05	4.36E-05				4.36E-05	1
1.58E-10										
2.00E-10										
2.51E-10	3.07E-10	3.07E-10	3.07E-10	1.17E-04	1.17E-04				1.17E-04	1
3.16E-10										
3.98E-10										
5.01E-10	5.24E-10	5.56E-10	5.88E-10	1.64E-04	1.53E-04				1.75E-04	2
6.31E-10										
7.94E-10	8.80E-10	9.19E-10	9.59E-10	2.08E-04	2.03E-04				2.14E-04	2
1.00E-09	1.04E-09	1.13E-09	1.24E-09	2.66E-04	1.80E-04	2.40E-04	2.63E-04	3.10E-04	3.34E-04	7
1.26E-09	1.32E-09	1.41E-09	1.51E-09	3.88E-04	3.10E-04				4.67E-04	2
1.58E-09	1.59E-09	1.66E-09	1.73E-09	3.15E-04	2.55E-04	2.60E-04	3.30E-04	3.50E-04	3.60E-04	6
2.00E-09	2.01E-09	2.23E-09	2.47E-09	4.52E-04	3.27E-04	3.41E-04	4.06E-04	4.81E-04	7.77E-04	14
2.51E-09	2.54E-09	2.83E-09	3.16E-09	5.88E-04	4.18E-04	4.31E-04	5.94E-04	6.74E-04	8.71E-04	13
3.16E-09	3.19E-09	3.56E-09	3.96E-09	7.55E-04	4.80E-04	6.32E-04	6.97E-04	8.59E-04	1.35E-03	17
3.98E-09	4.03E-09	4.49E-09	5.01E-09	7.77E-04	4.58E-04	6.62E-04	8.05E-04	8.61E-04	1.13E-03	20
5.01E-09	5.06E-09	5.71E-09	6.28E-09	9.64E-04	8.72E-04	8.82E-04	9.33E-04	9.96E-04	1.58E-03	21
6.31E-09	6.33E-09	7.12E-09	7.87E-09	1.32E-03	7.11E-04	1.01E-03	1.24E-03	1.54E-03	2.02E-03	44
7.94E-09	7.95E-09	8.82E-09	9.99E-09	1.52E-03	8.98E-04	1.13E-03	1.40E-03	1.84E-03	3.09E-03	47
1.00E-08	1.01E-08	1.14E-08	1.25E-08	1.77E-03	1.01E-03	1.39E-03	1.70E-03	2.16E-03	3.32E-03	46
1.26E-08	1.26E-08	1.42E-08	1.58E-08	2.20E-03	1.28E-03	1.65E-03	1.92E-03	2.56E-03	4.48E-03	62
1.58E-08	1.59E-08	1.78E-08	1.98E-08	2.54E-03	1.42E-03	2.05E-03	2.32E-03	2.97E-03	4.46E-03	63
2.00E-08	2.00E-08	2.26E-08	2.51E-08	2.81E-03	1.82E-03	2.41E-03	2.70E-03	3.09E-03	5.35E-03	67
2.51E-08	2.52E-08	2.80E-08	3.14E-08	3.77E-03	2.37E-03	3.01E-03	3.55E-03	4.19E-03	7.99E-03	72
3.16E-08	3.18E-08	3.56E-08	3.98E-08	4.59E-03	2.84E-03	3.56E-03	4.52E-03	5.26E-03	7.60E-03	64
3.98E-08	3.99E-08	4.48E-08	5.01E-08	5.47E-03	3.48E-03	4.43E-03	5.11E-03	6.26E-03	1.32E-02	82
5.01E-08	5.02E-08	5.64E-08	6.30E-08	6.17E-03	4.25E-03	5.12E-03	5.74E-03	6.81E-03	1.00E-02	81
6.31E-08	6.31E-08	7.10E-08	7.94E-08	8.21E-03	5.11E-03	6.54E-03	7.61E-03	9.10E-03	1.52E-02	86
7.94E-08	7.97E-08	8.95E-08	9.99E-08	9.32E-03	5.92E-03	7.81E-03	8.81E-03	1.08E-02	1.60E-02	82
1.00E-07	1.00E-07	1.12E-07	1.25E-07	1.22E-02	8.14E-03	1.03E-02	1.14E-02	1.38E-02	1.87E-02	77
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.41E-02	9.65E-03	1.18E-02	1.35E-02	1.65E-02	2.11E-02	65
1.58E-07	1.60E-07	1.81E-07	1.99E-07	1.75E-02	1.22E-02	1.49E-02	1.66E-02	1.98E-02	2.59E-02	79
2.00E-07	2.00E-07	2.26E-07	2.51E-07	2.08E-02	1.54E-02	1.87E-02	1.98E-02	2.23E-02	3.23E-02	71
2.51E-07	2.52E-07	2.74E-07	3.13E-07	2.58E-02	1.93E-02	2.24E-02	2.44E-02	2.90E-02	3.68E-02	46
3.16E-07	3.17E-07	3.48E-07	3.97E-07	2.99E-02	2.40E-02	2.69E-02	2.87E-02	3.24E-02	4.19E-02	38
3.98E-07	4.01E-07	4.46E-07	5.00E-07	3.67E-02	3.06E-02	3.53E-02	3.85E-02	4.25E-02	4.27E-02	54
5.01E-07	5.09E-07	5.64E-07	6.26E-07	4.89E-02	3.72E-02	4.41E-02	4.77E-02	5.32E-02	7.33E-02	24
6.31E-07	6.42E-07	7.05E-07	7.77E-07	5.64E-02	5.13E-02	5.50E-02	5.79E-02	6.26E-02	7.34E-02	35
7.94E-07	8.04E-07	8.81E-07	9.81E-07	7.16E-02	6.09E-02	6.61E-02	7.16E-02	7.65E-02	8.56E-02	33
1.00E-06	1.02E-06	1.14E-06	1.25E-06	9.13E-02	8.00E-02	8.57E-02	9.15E-02	9.67E-02	1.05E-01	26
1.26E-06	1.26E-06	1.39E-06	1.55E-06	1.11E-01	9.35E-02	1.03E-01	1.10E-01	1.19E-01	1.37E-01	36
1.58E-06	1.59E-06	1.78E-06	1.96E-06	1.41E-01	1.18E-01	1.31E-01	1.41E-01	1.51E-01	1.68E-01	25
2.00E-06	2.00E-06	2.22E-06	2.51E-06	1.67E-01	1.03E-01	1.56E-01	1.69E-01	1.83E-01	2.74E-01	24
2.51E-06	2.52E-06	2.80E-06	3.13E-06	2.11E-01	1.34E-01	1.98E-01	2.16E-01	2.26E-01	2.53E-01	31
3.16E-06	3.19E-06	3.57E-06	3.98E-06	2.61E-01	1.90E-01	2.32E-01	2.57E-01	2.92E-01	3.33E-01	23
3.98E-06	4.02E-06	4.48E-06	5.00E-06	3.05E-01	1.54E-01	2.98E-01	3.12E-01	3.26E-01	3.56E-01	22
5.01E-06	5.06E-06	5.62E-06	6.28E-06	3.96E-01	1.14E-01	3.19E-01	3.84E-01	4.19E-01	4.97E-01	17
6.31E-06	6.36E-06	7.03E-06	7.77E-06	4.14E-01	2.23E-01	2.95E-01	4.85E-01	4.86E-01	5.63E-01	11
7.94E-06	8.08E-06	8.63E-06	9.62E-06	4.62E-01	2.12E-01	4.09E-01	5.15E-01	6.08E-01	7.39E-01	16
1.00E-05	1.01E-05	1.10E-05	1.22E-05	5.40E-01	1.49E-01	4.76E-01	5.53E-01	6.43E-01	8.66E-01	23
1.26E-05	1.27E-05	1.42E-05	1.58E-05	7.59E-01	2.98E-01	5.35E-01	7.57E-01	1.08E 00	1.13E 00	13
1.59E-05	1.59E-05	1.76E-05	1.92E-05	7.68E-01	1.53E-01	5.33E-01	6.19E-01	1.05E 00	1.27E 00	7
2.00E-05	2.04E-05	2.21E-05	2.47E-05	1.00E 00	5.87E-01	8.49E-01	9.99E-01	1.29E 00	1.36E 00	8
2.51E-05	2.76E-05	2.84E-05	2.93E-05	9.35E-01	4.40E-01				1.43E 00	2
3.16E-05	3.21E-05	3.55E-05	3.93E-05	1.35E 00	9.65E-01	1.07E 00	1.51E 00	1.56E 00	1.62E 00	5
3.98E-05	4.49E-05	4.49E-05	4.49E-05	9.33E-01	9.33E-01				9.33E-01	1
5.01E-05	5.53E-05	5.93E-05	6.15E-05	9.52E-01	6.85E-01				1.48E 00	3
6.31E-05	6.43E-05	7.15E-05	7.94E-05	1.34E 00	7.36E-01	9.23E-01	1.16E 00	1.75E 00	2.28E 00	6
7.94E-05										
1.00E-04										
1.26E-04	1.39E-04	1.39E-04	1.39E-04	1.83E 00	1.83E 00				1.83E 00	1

TOTAL N: 1710

TABLE 19. ILLINOIS ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.26E-09	1.27E-09	1.34E-09	1.42E-09	2.83E-04	2.65E-04				3.02E-04	2
1.58E-09										
2.00E-09	2.13E-09	2.22E-09	2.32E-09	3.68E-04	3.61E-04				3.75E-04	2
2.51E-09	2.72E-09	2.74E-09	2.99E-09	4.69E-04	3.31E-04	4.25E-04	4.67E-04	5.67E-04	5.75E-04	7
3.16E-09	3.18E-09	3.65E-09	3.88E-09	6.15E-04	4.68E-04	5.26E-04	6.18E-04	6.82E-04	8.32E-04	5
3.98E-09	4.00E-09	4.50E-09	4.96E-09	6.04E-04	4.79E-04	5.61E-04	6.17E-04	6.23E-04	7.25E-04	6
5.01E-09	5.12E-09	5.54E-09	6.12E-09	8.41E-04	6.19E-04	6.61E-04	7.72E-04	9.57E-04	1.33E-03	12
6.31E-09	6.49E-09	7.09E-09	7.91E-09	1.19E-03	7.70E-04	8.54E-04	1.08E-03	1.43E-03	2.78E-03	15
7.94E-09	8.06E-09	8.93E-09	1.00E-08	1.27E-03	9.94E-04	1.06E-03	1.19E-03	1.44E-03	1.97E-03	17
1.00E-08	1.02E-08	1.12E-08	1.25E-08	1.46E-03	1.03E-03	1.29E-03	1.48E-03	1.59E-03	1.87E-03	20
1.26E-08	1.26E-08	1.44E-08	1.58E-08	1.93E-03	1.34E-03	1.65E-03	1.72E-03	2.06E-03	3.66E-03	24
1.58E-08	1.59E-08	1.78E-08	1.99E-08	2.44E-03	1.61E-03	1.96E-03	2.18E-03	2.78E-03	4.74E-03	45
2.00E-08	2.00E-08	2.23E-08	2.51E-08	2.82E-03	1.80E-03	2.29E-03	2.72E-03	3.29E-03	5.28E-03	40
2.51E-08	2.59E-08	2.84E-08	3.15E-08	3.48E-03	2.27E-03	2.71E-03	3.20E-03	3.96E-03	7.01E-03	47
3.16E-08	3.17E-08	3.54E-08	3.96E-08	4.08E-03	2.77E-03	3.36E-03	3.72E-03	4.65E-03	7.69E-03	64
3.98E-08	3.99E-08	4.45E-08	5.00E-08	4.93E-03	3.32E-03	4.11E-03	4.73E-03	5.48E-03	8.42E-03	64
5.01E-08	5.02E-08	5.63E-08	6.29E-08	5.82E-03	3.93E-03	4.83E-03	5.53E-03	6.29E-03	1.23E-02	66
6.31E-08	6.31E-08	7.02E-08	7.90E-08	7.19E-03	5.12E-03	6.06E-03	6.92E-03	7.91E-03	1.18E-02	77
7.94E-08	8.03E-08	9.06E-08	1.00E-07	9.34E-03	6.35E-03	7.78E-03	9.22E-03	1.06E-02	1.42E-02	66
1.00E-07	1.01E-07	1.12E-07	1.24E-07	1.07E-02	7.59E-03	9.18E-03	1.03E-02	1.19E-02	1.81E-02	78
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.29E-02	9.46E-03	1.11E-02	1.23E-02	1.38E-02	2.07E-02	84
1.58E-07	1.59E-07	1.79E-07	1.99E-07	1.65E-02	1.16E-02	1.43E-02	1.59E-02	1.77E-02	2.69E-02	85
2.00E-07	2.01E-07	2.25E-07	2.50E-07	2.03E-02	1.39E-02	1.75E-02	1.97E-02	2.25E-02	3.37E-02	79
2.51E-07	2.52E-07	2.79E-07	3.16E-07	2.46E-02	1.79E-02	2.15E-02	2.36E-02	2.79E-02	3.47E-02	69
3.16E-07	3.17E-07	3.53E-07	3.97E-07	2.94E-02	2.23E-02	2.56E-02	2.83E-02	3.27E-02	4.24E-02	64
3.98E-07	4.02E-07	4.48E-07	4.99E-07	3.61E-02	2.57E-02	3.24E-02	3.50E-02	3.95E-02	4.91E-02	78
5.01E-07	5.02E-07	5.64E-07	6.29E-07	4.51E-02	3.52E-02	4.02E-02	4.38E-02	4.98E-02	6.88E-02	67
6.31E-07	6.32E-07	7.10E-07	7.92E-07	5.46E-02	3.89E-02	4.66E-02	5.37E-02	6.10E-02	8.02E-02	48
7.94E-07	7.98E-07	8.95E-07	9.95E-07	6.33E-02	4.34E-02	5.90E-02	5.46E-02	6.95E-02	8.20E-02	31
1.00E-06	1.01E-06	1.12E-06	1.24E-06	8.39E-02	6.23E-02	7.66E-02	8.31E-02	8.99E-02	1.19E-01	46
1.26E-06	1.26E-06	1.38E-06	1.58E-06	9.43E-02	4.64E-02	8.32E-02	9.62E-02	1.06E-01	1.34E-01	30
1.58E-06	1.59E-06	1.76E-06	1.99E-06	1.23E-01	5.74E-02	1.18E-01	1.23E-01	1.31E-01	1.72E-01	32
2.00E-06	2.00E-06	2.19E-06	2.48E-06	1.46E-01	9.31E-02	1.37E-01	1.52E-01	1.61E-01	1.79E-01	37
2.51E-06	2.55E-06	2.82E-06	3.16E-06	1.83E-01	1.03E-01	1.66E-01	1.93E-01	2.05E-01	2.42E-01	22
3.16E-06	3.21E-06	3.53E-06	3.91E-06	2.16E-01	1.13E-01	1.92E-01	2.17E-01	2.47E-01	3.10E-01	32
3.98E-06	4.00E-06	4.53E-06	5.01E-06	2.55E-01	1.63E-01	2.15E-01	2.55E-01	2.92E-01	3.38E-01	29
5.01E-06	5.11E-06	5.56E-06	6.15E-06	3.28E-01	1.94E-01	3.00E-01	3.44E-01	3.64E-01	3.96E-01	22
6.31E-06	6.40E-06	7.08E-06	7.87E-06	3.57E-01	1.35E-01	2.77E-01	3.79E-01	4.30E-01	5.09E-01	25
7.94E-06	7.99E-06	8.78E-06	9.78E-06	4.47E-01	1.93E-01	4.07E-01	4.49E-01	5.16E-01	6.42E-01	25
1.00E-05	1.00E-05	1.11E-05	1.25E-05	5.23E-01	3.32E-01	4.07E-01	5.14E-01	6.47E-01	7.10E-01	22
1.26E-05	1.26E-05	1.39E-05	1.55E-05	5.19E-01	1.52E-01	4.29E-01	5.44E-01	6.44E-01	7.29E-01	25
1.58E-05	1.59E-05	1.76E-05	1.98E-05	7.33E-01	2.74E-01	5.55E-01	6.88E-01	9.84E-01	1.18E 00	22
2.00E-05	2.02E-05	2.23E-05	2.45E-05	7.91E-01	2.66E-01	6.62E-01	6.69E-01	1.02E 00	1.55E 00	13
2.51E-05	2.52E-05	2.71E-05	3.11E-05	8.19E-01	2.14E-01	6.23E-01	7.53E-01	1.06E 00	1.46E 00	14
3.16E-05	3.19E-05	3.57E-05	3.97E-05	9.48E-01	2.28E-01	7.70E-01	9.29E-01	1.09E 00	1.69E 00	22
3.98E-05	4.25E-05	4.51E-05	4.87E-05	1.53E 00	6.98E-01	9.09E-01	1.28E 00	2.29E 00	2.39E 00	12
5.01E-05	5.06E-05	5.83E-05	6.21E-05	1.45E 00	5.86E-01	8.72E-01	1.37E 00	2.05E 00	2.59E 00	7
6.31E-05	6.64E-05	7.01E-05	7.20E-05	1.91E 00	1.17E 00	1.60E 00	2.07E 00	2.18E 00	2.48E 00	5
7.94E-05	8.48E-05	9.02E-05	9.61E-05	2.17E 00	1.33E 00	1.58E 00	2.25E 00	2.76E 00	2.84E 00	4
1.00E-04	1.04E-04	1.12E-04	1.18E-04	1.72E 00	9.68E-01	1.07E 00	1.70E 00	2.30E 00	2.49E 00	4
1.26E-04	1.27E-04	1.44E-04	1.56E-04	1.41E 00	9.66E-01	9.74E-01	1.30E 00	1.35E 00	2.09E 00	4
1.59E-04	1.61E-04	1.61E-04	1.61E-04	1.74E 00	1.74E 00				1.74E 00	1
2.00E-04	2.11E-04	2.11E-04	2.11E-04	3.27E 00	3.27E 00				3.27E 00	1
2.51E-04	3.01E-04	3.01E-04	3.01E-04	2.40E 00	2.40E 00				2.40E 00	1

TOTAL N: 1714

TABLE 20. FLORIDA REFLECTIVITY FOR 10.9 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
3.98E-01	4.66E-01	4.66E-01	4.66E-01	7.70E-10	7.70E-10				7.70E-10	1
5.01E-01	5.17E-01	5.17E-01	6.28E-01	6.88E-10	1.97E-10	5.17E-10	6.62E-10	8.98E-10	1.34E-09	35
6.31E-01	6.36E-01	7.22E-01	7.92E-01	9.06E-10	4.08E-10	6.21E-10	9.16E-10	1.09E-09	1.70E-09	44
7.94E-01	7.66E-01	9.05E-01	1.00E 00	1.19E-09	3.78E-10	8.04E-10	1.10E-09	1.44E-09	9.17E-09	79
1.00E 00	1.01E 00	1.13E 00	1.26E 00	1.44E-09	5.12E-10	1.30E-09	1.59E-09	2.09E-09	2.73E-09	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	2.10E-09	7.77E-10	1.41E-09	1.92E-09	2.55E-09	6.11E-09	86
1.58E 00	1.59E 00	1.78E 00	1.99E 00	2.86E-09	9.15E-10	1.77E-09	2.37E-09	3.36E-09	9.13E-09	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	3.74E-09	1.13E-09	2.40E-09	3.17E-09	4.39E-09	1.55E-08	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	5.00E-09	1.76E-09	2.84E-09	4.05E-09	5.49E-09	2.30E-08	121
3.16E 00	3.17E 00	3.59E 00	3.98E 00	6.51E-09	1.95E-09	4.18E-09	5.45E-09	7.27E-09	5.93E-08	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	9.02E-09	2.73E-09	5.46E-09	7.06E-09	1.10E-08	4.63E-08	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	1.19E-08	3.57E-09	7.30E-09	9.75E-09	1.78E-08	6.77E-08	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	1.64E-08	5.28E-09	9.56E-09	1.28E-08	1.81E-08	9.79E-08	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	2.02E-08	7.00E-09	1.20E-08	1.69E-08	2.35E-08	9.68E-08	164
1.00E 01	1.00E 01	1.12E 01	1.25E 01	2.45E-08	8.11E-09	1.53E-08	2.01E-08	2.95E-08	8.37E-08	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	3.91E-08	1.37E-08	1.98E-08	2.68E-08	4.17E-08	4.13E-07	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	5.30E-08	1.62E-08	2.78E-08	3.82E-08	5.63E-08	2.84E-07	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	6.25E-08	2.26E-08	3.50E-08	4.56E-08	7.12E-08	3.84E-07	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	8.60E-08	2.75E-08	5.04E-08	6.72E-08	9.62E-08	6.73E-07	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.28E-07	4.26E-08	6.81E-08	9.12E-08	1.47E-07	6.84E-07	117
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.79E-07	6.08E-08	1.02E-07	1.37E-07	1.88E-07	1.02E-06	79
5.01E 01	5.05E 01	5.58E 01	6.30E 01	2.12E-07	8.22E-08	1.28E-07	1.66E-07	2.36E-07	8.48E-07	73
6.31E 01	6.31E 01	7.06E 01	7.92E 01	2.95E-07	1.31E-07	1.88E-07	2.50E-07	3.17E-07	1.33E-06	87
7.94E 01	7.65E 01	8.80E 01	9.94E 01	4.13E-07	1.34E-07	2.52E-07	3.67E-07	4.94E-07	1.10E-06	61
1.00E 02	1.01E 02	1.13E 02	1.25E 02	5.57E-07	2.56E-07	3.89E-07	5.02E-07	6.53E-07	1.17E-06	47
1.26E 02	1.26E 02	1.41E 02	1.56E 02	7.39E-07	3.43E-07	5.78E-07	6.92E-07	8.37E-07	1.60E-06	34
1.58E 02	1.62E 02	1.78E 02	1.98E 02	1.03E-06	5.00E-07	7.89E-07	9.17E-07	1.20E-06	2.55E-06	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	1.03E-06	6.86E-07	8.41E-07	1.06E-06	1.18E-06	1.48E-06	20
2.51E 02	2.57E 02	2.87E 02	3.04E 02	1.50E-06	7.05E-07	1.16E-06	1.32E-06	1.92E-06	2.70E-06	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	1.90E-06	1.40E-06	1.47E-06	1.78E-06	2.32E-06	2.62E-06	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	2.80E-06	2.13E-06	2.15E-06	2.61E-06	3.44E-06	3.84E-06	4
5.01E 02	5.04E 02	5.04E 02	5.34E 02	2.90E-06	2.90E-06				2.90E-06	1

TOTAL N: 2506

TABLE 21. FLORIDA REFLECTIVITY FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
3.98E-01	4.66E-01	4.86E-01	4.86E-01	2.75E-08	2.75E-08				2.75E-08	1
5.01E-01	5.17E-01	5.17E-01	6.28E-01	2.93E-08	7.54E-09	1.94E-08	2.46E-08	3.25E-08	4.76E-08	35
6.31E-01	6.36E-01	7.22E-01	7.92E-01	3.31E-08	1.55E-08	2.32E-08	3.35E-08	3.99E-08	5.90E-08	44
7.94E-01	7.96E-01	9.05E-01	1.00E 00	4.31E-08	1.45E-08	3.01E-08	4.04E-08	5.25E-08	1.72E-07	79
1.00E 00	1.01E 00	1.13E 00	1.26E 00	5.93E-08	1.95E-08	4.80E-08	5.82E-08	7.52E-08	9.63E-08	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	7.57E-08	2.95E-08	5.26E-08	7.03E-08	9.22E-08	2.33E-07	86
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.02E-07	3.47E-08	6.58E-08	8.75E-08	1.19E-07	2.99E-07	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	1.35E-07	4.30E-08	8.85E-08	1.16E-07	1.56E-07	6.42E-07	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	1.85E-07	6.44E-08	1.06E-07	1.48E-07	1.93E-07	9.98E-07	121
3.16E 00	3.17E 00	3.59E 00	3.98E 00	2.72E-07	7.40E-08	1.54E-07	2.00E-07	2.57E-07	6.12E-06	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	3.30E-07	1.03E-07	2.01E-07	2.53E-07	3.87E-07	1.76E-06	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	4.66E-07	1.35E-07	2.68E-07	3.46E-07	4.48E-07	6.97E-06	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	6.96E-07	1.99E-07	3.51E-07	4.62E-07	6.42E-07	9.89E-06	145
7.94E 00	7.65E 00	8.94E 00	9.99E 00	7.91E-07	2.62E-07	4.44E-07	6.04E-07	8.15E-07	7.45E-06	164
1.00E 01	1.00E 01	1.12E 01	1.25E 01	9.66E-07	3.04E-07	5.62E-07	7.21E-07	1.02E-06	6.44E-06	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	2.10E-06	5.08E-07	7.24E-07	9.53E-07	1.44E-06	4.40E-05	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	2.58E-06	6.07E-07	1.01E-06	1.34E-06	2.01E-06	2.39E-05	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	2.85E-06	8.37E-07	1.27E-06	1.62E-06	2.51E-06	3.24E-05	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	4.04E-06	1.02E-06	1.80E-06	2.35E-	3.65E-06	4.45E-05	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	6.97E-06	1.56E-06	2.41E-06	3.20E- 6	4.19E-06	7.98E-05	117
3.98E 01	3.99E 01	4.47E 01	5.01E 01	9.50E-06	2.22E-06	3.59E-06	4.77E-06	6.87E-06	1.03E-04	79
5.01E 01	5.05E 01	5.58E 01	6.30E 01	1.11E-05	2.98E-06	4.52E-06	5.76E-06	1.13E-05	7.79E-05	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	1.42E-05	4.67E-06	6.57E-06	9.03E-06	1.25E-05	9.21E-05	87
7.94E 01	7.65E 01	8.80E 01	9.94E 01	2.11E-05	4.80E-06	9.17E-06	1.47E-05	2.71E-05	9.83E-05	61
1.00E 02	1.01E 02	1.13E 02	1.25E 02	2.70E-05	8.88E-06	1.40E-05	2.02E-05	3.54E-05	7.66E-05	47
1.26E 02	1.26E 02	1.41E 02	1.56E 02	3.44E-05	1.19E-05	2.49E-05	3.22E-05	4.72E-05	1.40E-04	34
1.58E 02	1.62E 02	1.78E 02	1.98E 02	5.76E-05	2.10E-05	3.50E-05	4.21E-05	6.48E-05	2.31E-04	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	4.93E-05	2.74E-05	3.36E-05	4.34E-05	5.46E-05	1.10E-04	21
2.51E 02	2.57E 02	2.87E 02	3.04E 02	7.76E-05	2.47E-05	4.90E-05	5.55E-05	1.11E-04	1.81E-04	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	1.02E-04	6.67E-05	7.12E-05	9.08E-05	1.32E-04	1.58E-04	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	1.59E-04	9.58E-05	1.06E-04	1.47E-04	2.14E-04	2.48E-04	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	1.62E-04	1.62E-04				1.62E-04	1

TOTAL N: 2506

TABLE [illegible]. FLORIDA REFLECTIVITY FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
									6.90E-08	1
5.98E-01	4.68E-01	4.86E-01	4.86E-01	6.66E-38	6.6[illegible]-08				1.19E-07	55
5.01E-01	5.17E-01	5.77E-01	6.78E-01	6.09E-08	1.03E-08	6.66E-08	5.89E-08	7.78E-08	1.45E-07	44
6.31E-01	6.38E-01	7.22E-01	7.92E-01	7.94E-08	3.73E-08	5.57E-08	8.01E-08	9.53E-08	1.65E-07	39
7.94E-01	7.56E-01	9.05E-01	1.03E 00	1.00E-07	5.36E-08	7.22E-08	9.65E-08	1.25E-07	2.28E-07	49
1.00E 00	1.01E 00	1.13E 00	1.29E 00	1.43E-07	4.71E-09	1.14E-07	1.34E-07	1.79E-07	2.32E-07	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.80E-07	7.11E-08	1.26E-07	1.66E-07	2.21E-07	6.87E-07	44
1.58E 00	1.59E 00	1.78E 00	1.99E 00	2.02E-07	9.58E-08	1.58E-07	2.01E-07	2.34E-07	1.12E-06	41
1.98E 00	2.00E 00	2.23E 00	2.51E 00	3.42E-07	1.03E-07	2.12E-07	2.78E-07	3.46E-07	2.90E-06	121
2.51E 00	2.52E 00	2.83E 00	3.15E 00	5.09E-07	1.60E-07	2.96E-07	3.63E-07	4.78E-07	1.35E-05	139
3.16E 00	3.17E 00	3.55E 00	3.98E 00	6.78E-07	1.78E-07	3.69E-07	4.77E-07	6.97E-07	7.45E-06	145
3.98E 00	4.00E 00	4.48E 00	5.01E 00	9.17E-07	2.49E-07	4.63E-07	6.10E-07	8.68E-07	1.91E-05	151
5.01E 00	5.02E 00	5.63E 00	6.29E 00	1.17E-06	3.25E-07	6.42E-07	8.68E-07	1.19E-06	1.91E-05	145
6.31E 00	6.33E 00	7.09E 00	7.92E 00	1.89E-06	4.19E-07	8.53E-07	1.11E-06	1.66E-06	2.06E-05	106
7.94E 00	7.95E 00	8.94E 00	9.99E 00	2.12E-06	8.31E-07	1.06E-06	1.47E-06	2.58E-06	1.78E-04	154
1.00E 01	1.00E 01	1.12E 01	1.25E 01	2.57E-06	7.33E-07	1.34E-06	1.76E-06	2.58E-06	1.78E-04	141
1.26E 01	1.26E 01	1.41E 01	1.58E 01	4.95E-06	1.22E-06	1.73E-06	2.31E-06	3.74E-06	8.99E-05	117
1.58E 01	1.59E 01	1.78E 01	1.99E 01	6.79E-06	1.40E-06	2.41E-06	3.37E-06	5.99E-06	6.99E-05	112
1.98E 01	2.00E 01	2.24E 01	2.51E 01	9.40E-06	2.00E-06	3.03E-06	4.03E-06	7.38E-06	1.35E-04	93
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.07E-05	2.45E-06	4.19E-06	5.65E-06	8.38E-06	1.93E-04	117
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.77E-05	3.76E-06	5.85E-06	8.36E-06	1.93E-05	2.18E-04	73
3.98E 01	3.99E 01	4.47E 01	5.01E 01	2.51E-05	5.29E-06	8.76E-06	1.32E-05	2.59E-05	2.18E-04	79
5.01E 01	5.05E 01	5.58E 01	6.30E 01	2.81E-05	7.19E-06	1.11E-05	1.56E-05	3.07E-05	1.78E-04	53
6.31E 01	6.41E 01	7.06E 01	7.92E 01	3.90E-05	1.13E-05	1.72E-05	2.06E-05	4.95E-05	2.13E-04	53
7.94E 01	7.95E 01	8.84E 01	9.96E 01	5.03E-05	1.16E-05	2.41E-05	4.03E-05	7.26E-05	2.18E-04	34
1.00E 02	1.01E 02	1.13E 02	1.25E 02	7.94E-05	2.31E-05	4.19E-05	6.18E-05	1.06E-04	3.24E-04	34
1.26E 02	1.28E 02	1.41E 02	1.58E 02	1.10E-04	2.96E-05	7.69E-05	9.81E-05	1.32E-04	5.17E-04	27
1.58E 02	1.62E 02	1.78E 02	1.98E 02	1.61E-04	6.19E-05	1.68E-04	1.27E-04	1.99E-04	2.59E-03	7
2.00E 02	2.05E 02	2.18E 02	2.49E 02	1.68E-04	7.04E-05	1.84E-04	1.99E-04	1.99E-04	6.49E-03	3
2.51E 02	2.57E 02	2.87E 02	3.06E 02	2.26E-04	6.97E-05	1.61E-04	1.76E-04	3.23E-04	6.49E-03	4
3.16E 02	3.22E 02	3.55E 02	3.98E 02	3.0[illegible]E-04	2.22E-04	2.24E-04	2.75E-04	3.75E-04	6.26E-03	4
3.98E 02	3.99E 02	4.47E 02	4.78E 02	4.53E-04	2.79E-04	3.15E-04	4.18E-04	5.92E-04	6.43E-03	4
5.01E 02	5.14E 02	5.04E 02	5.04E 02	4.65E-04	4.65E-04				6.49E-03	1

TOTAL N: 2605

TABLE [illegible]. FLORIDA REFLECTIVITY FOR 1.67 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
									7.47E-37	1
5.98E-01	4.68E-01	4.86E-01	4.86E-01	7.87E-37	7.87E-07				1.63E-36	55
5.01E-01	5.17E-01	5.77E-01	6.20E-01	9.95E-37	1.55E-37	6.45E-37	5.22E-37	7.96E-37	2.13E-36	44
6.31E-01	6.38E-01	7.22E-01	7.92E-01	7.85E-37	3.14E-07	4.89E-37	7.60E-37	9.51E-37	7.91E-36	39
7.94E-01	7.56E-01	9.05E-01	1.03E 00	1.16E-36	2.92E-37	6.25E-37	8.87E-37	1.13E-36	3.32E-36	49
1.00E 00	1.01E 00	1.13E 00	1.29E 00	1.52E-36	3.99E-37	1.99E-36	1.34E-36	2.33E-36	8.30E-36	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	2.05E-36	5.98E-37	1.13E-36	1.67E-36	2.36E-36	1.39E-35	44
1.58E 00	1.59E 00	1.78E 00	1.99E 00	2.49E-36	7.03E-07	1.91E-36	2.11E-06	3.67E-36	1.39E-35	41
1.98E 00	2.00E 00	2.23E 00	2.51E 00	3.90E-06	8.72E-37	1.96E-06	2.73E-06	4.76E-06	2.36E-35	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	5.35E-06	1.47E-06	2.25E-06	3.53E-06	5.41E-06	2.63E-05	121
3.16E 00	3.17E 00	3.55E 00	3.98E 00	8.65E-06	1.50E-06	3.36E-06	5.39E-06	7.68E-06	5.49E-05	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	1.01E-05	2.15E-06	4.66E-06	6.49E-06	1.02E-05	6.33E-05	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	1.23E-05	2.35E-06	6.21E-06	9.69E-06	1.52E-05	6.33E-05	151
6.31E 00	6.33E 00	7.09E 00	7.92E 00	1.83E-05	4.08E-06	8.95E-06	1.29E-05	2.18E-05	1.29E-04	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	2.27E-05	5.47E-06	1.32E-05	1.74E-05	2.74E-05	1.29E-04	106
1.00E 01	1.00E 01	1.12E 01	1.25E 01	2.73E-05	6.35E-06	1.15E-05	1.95E-05	3.21E-05	1.11E-04	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	3.90E-05	1.70E-05	1.71E-05	2.62E-05	5.21E-05	1.49E-04	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	5.97E-05	1.27E-05	2.56E-05	4.16E-05	7.34E-05	3.27E-04	117
2.00E 01	2.00E 01	2.24E 01	2.51E 01	7.04E-05	1.85E-05	3.15E-05	4.75E-05	8.83E-05	3.13E-04	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	9.93E-05	2.16E-05	4.90E-05	7.26E-05	1.23E-04	4.72E-04	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.61E-04	3.58E-05	6.81E-05	1.09E-04	1.73E-04	5.53E-04	117
3.98E 01	3.99E 01	4.47E 01	5.01E 01	2.07E-04	4.83E-05	1.37E-04	1.72E-04	2.39E-04	6.85E-04	73
5.01E 01	5.05E 01	5.58E 01	6.30E 01	2.80E-04	7.52E-05	1.67E-04	2.06E-04	2.95E-04	6.35E-04	79
6.31E 01	6.41E 01	7.06E 01	7.92E 01	3.62E-04	1.30E-04	2.22E-04	3.13E-04	4.61E-04	9.51E-04	53
7.94E 01	7.95E 01	8.84E 01	9.96E 01	5.09E-04	1.74E-04	2.93E-04	4.78E-04	6.99E-04	1.26E-03	53
1.00E 02	1.01E 02	1.13E 02	1.25E 02	7.23E-04	2.93E-04	5.27E-04	6.89E-04	8.43E-04	1.99E-03	34
1.26E 02	1.28E 02	1.41E 02	1.58E 02	9.35E-04	4.00E-04	7.71E-04	9.61E-04	1.19E-03	2.13E-03	27
1.58E 02	1.62E 02	1.78E 02	1.98E 02	1.27E-03	6.13E-04	1.10E-03	1.19E-03	1.49E-03	1.99E-03	20
2.00E 02	2.05E 02	2.18E 02	2.49E 02	1.33E-03	8.63E-04	1.13E-03	1.33E-03	1.69E-03	2.13E-03	7
2.51E 02	2.57E 02	2.87E 02	3.06E 02	1.92E-03	8.89E-04	1.49E-03	1.79E-03	2.06E-03	3.10E-03	4
3.16E 02	3.22E 02	3.65E 02	3.98E 02	2.49E-03	1.75E-03	1.90E-03	2.36E-03	2.84E-03	4.53E-03	4
3.98E 02	3.99E 02	4.47E 02	4.78E 02	3.66E-03	2.77E-03	2.82E-03	3.29E-03	4.13E-03	5.57E-03	1
5.01E 02	5.14E 02	5.04E 02	5.04E 02	3.57E-03	3.57E-03					

TOTAL N: 2605

TABLE [illegible]. FLORIDA REFLECTIVITY FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
9.98E-01	9.86E-01	9.86E-01	9.86E-01	1.61E-05	1.61E-05				1.61E-05	1
9.91E-01	9.17E-01	9.77E-01	9.28E-01	1.75E-05	3.84E-06	1.53E-05	1.78E-05	2.21E-05	2.44E-05	35
9.31E-01	6.36E-01	7.22E-01	7.92E-01	2.29E-05	9.42E-06	1.40E-05	2.39E-05	2.83E-05	3.58E-05	64
7.94E-01	7.46E-01	9.05E-01	1.00E 00	2.79E-05	7.67E-06	2.07E-05	2.78E-05	3.62E-05	4.49E-05	70
1.00E 00	1.01E 00	1.13E 00	1.26E 00	3.93E-05	1.11E-05	3.15E-05	4.16E-05	4.93E-05	5.81E-05	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	4.71E-05	1.77E-05	3.78E-05	4.81E-05	5.93E-05	8.35E-05	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	5.91E-05	2.85E-05	4.54E-05	5.99E-05	7.39E-05	9.29E-05	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	7.48E-05	2.44E-05	5.76E-05	7.98E-05	9.03E-05	1.23E-04	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	9.27E-05	3.60E-05	7.09E-05	9.35E-05	1.11E-04	1.42E-04	121
3.16E 00	3.17E 00	3.54E 00	3.98E 00	1.25E-04	3.22E-05	1.03E-04	1.27E-04	1.49E-04	1.84E-04	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	1.58E-04	4.15E-05	1.34E-04	1.61E-04	1.89E-04	2.43E-04	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	2.07E-04	9.59E-09	1.82E-04	2.09E-04	2.39E-04	3.35E-04	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	2.59E-04	6.87E-05	2.27E-04	2.66E-04	3.00E-04	3.93E-04	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	3.42E-04	7.96E-05	2.91E-04	3.45E-04	3.91E-04	4.96E-04	164
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.26E-04	2.36E-04	3.77E-04	4.31E-04	4.98E-04	6.13E-04	144
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.38E-04	1.23E-04	4.79E-04	5.97E-04	6.11E-04	7.73E-04	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	6.78E-04	8.95E-05	6.24E-04	6.99E-04	7.95E-04	9.58E-04	177
2.00E 01	2.00E 01	2.24E 01	2.51E 01	8.76E-04	4.04E-04	8.03E-04	8.84E-04	9.77E-04	1.14E-03	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.11E-03	3.20E-04	1.30E-03	1.14E-03	1.24E-03	1.54E-03	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.35E-03	2.37E-04	1.24E-03	1.41E-03	1.56E-03	1.86E-03	119
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.71E-03	3.69E-04	1.56E-03	1.76E-03	2.01E-03	2.47E-03	79
5.01E 01	5.05E 01	5.58E 01	6.30E 01	2.21E-03	6.79E-04	2.01E-03	2.27E-03	2.51E-03	3.07E-03	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	2.70E-03	8.02E-04	2.41E-03	2.83E-03	3.13E-03	3.73E-03	85
7.94E 01	7.95E 01	8.80E 01	9.94E 01	3.19E-03	8.50E-04	2.75E-03	3.23E-03	3.73E-03	4.86E-03	63
1.00E 02	1.01E 02	1.13E 02	1.25E 02	3.80E-03	2.03E-03	3.18E-03	3.83E-03	4.27E-03	5.74E-03	49
1.26E 02	1.26E 02	1.41E 02	1.56E 02	4.66E-03	2.68E-03	3.83E-03	4.67E-03	5.42E-03	6.52E-03	38
1.58E 02	1.62E 02	1.78E 02	1.98E 02	5.73E-03	3.63E-03	5.19E-03	5.71E-03	6.68E-03	7.81E-03	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	7.17E-03	5.46E-03	6.57E-03	7.08E-03	7.99E-03	9.55E-03	21
2.51E 02	2.57E 02	2.87E 02	3.04E 02	9.25E-03	7.62E-03	7.77E-03	9.82E-03	1.31E-02	1.15E-02	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	1.05E-02	8.27E-03	9.07E-03	1.04E-02	1.19E-02	1.24E-02	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	1.41E-02	1.23E-02	1.26E-02	1.41E-02	1.55E-02	1.53E-02	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	1.71E-02	1.71E-02				1.71E-02	1

TOTAL N: 2494

TABLE [illegible]. FLORIDA REFLECTIVITY FOR 0.[illegible] CM, 13 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
9.98E-01	9.86E-01	9.86E-01	9.86E-01	3.0[illegible]E-05	9.04E-05				9.38E-05	1
9.31E-01	9.17E-01	9.77E-01	9.28E-01	4.13E-05	8.91E-06	2.79E-05	3.98E-05	5.71E-05	7.53E-05	35
8.31E-01	6.36E-01	7.22E-01	7.92E-01	4.95E-05	1.56E-05	3.29E-05	4.46E-05	6.06E-05	9.41E-05	64
7.94E-01	7.46E-01	9.05E-01	1.00E 00	6.33E-05	1.40E-05	4.56E-05	6.13E-05	8.04E-05	1.25E-04	70
1.00E 00	1.01E 00	1.13E 00	1.26E 00	8.68E-05	1.71E-05	5.72E-05	8.53E-05	1.06E-04	1.49E-04	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	8.86E-05	1.82E-05	6.50E-05	8.26E-05	1.24E-04	1.81E-04	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.08E-04	1.83E-05	6.81E-05	9.81E-05	1.44E-04	2.21E-04	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	1.32E-04	1.49E-05	7.82E-05	1.21E-04	1.82E-04	2.49E-04	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	1.71E-04	1.81E-05	9.48E-05	1.66E-04	2.36E-04	3.04E-04	121
3.16E 00	3.17E 00	3.54E 00	3.98E 00	1.98E-04	2.10E-05	1.24E-04	1.76E-04	2.51E-04	3.72E-04	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	2.27E-04	2.52E-05	1.17E-04	2.68E-04	3.13E-04	4.42E-04	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	2.69E-04	5.23E-05	1.51E-04	2.46E-04	3.66E-04	4.37E-04	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	3.09E-04	5.48E-05	1.69E-04	2.65E-04	4.15E-04	6.36E-04	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	3.66E-04	6.86E-05	2.01E-04	3.24E-04	4.55E-04	5.88E-04	164
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.62E-04	9.39E-05	2.42E-04	4.11E-04	6.02E-04	1.25E-03	156
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.66E-04	1.14E-04	3.11E-04	5.13E-04	7.78E-04	1.14E-03	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	5.99E-04	1.36E-04	3.56E-04	5.47E-04	7.57E-04	1.47E-03	177
2.00E 01	2.00E 01	2.24E 01	2.51E 01	7.30E-04	1.36E-04	4.62E-04	6.76E-04	9.02E-04	1.43E-03	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	8.59E-04	2.08E-04	5.09E-04	7.61E-04	1.05E-03	2.02E-03	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.05E-03	2.18E-04	6.30E-04	9.87E-04	1.39E-03	3.16E-03	119
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.07E-03	2.40E-04	7.16E-04	1.03E-03	1.49E-03	2.26E-03	79
5.01E 01	5.05E 01	5.58E 01	6.30E 01	1.33E-03	4.87E-04	8.72E-04	1.14E-03	1.73E-03	3.14E-03	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	1.64E-03	5.92E-04	1.04E-03	1.31E-03	1.76E-03	3.17E-03	85
7.94E 01	7.95E 01	8.80E 01	9.94E 01	1.75E-03	6.36E-04	1.11E-03	1.56E-03	2.22E-03	5.17E-03	63
1.00E 02	1.01E 02	1.13E 02	1.25E 02	2.33E-03	8.85E-04	1.65E-03	2.11E-03	2.92E-03	4.56E-03	49
1.26E 02	1.26E 02	1.41E 02	1.56E 02	3.03E-03	1.37E-03	2.30E-03	2.66E-03	3.99E-03	5.47E-03	38
1.58E 02	1.62E 02	1.78E 02	1.98E 02	3.38E-03	1.39E-03	2.17E-03	2.84E-03	4.53E-03	7.55E-03	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	5.40E-03	2.04E-03	3.61E-03	5.41E-03	7.65E-03	7.89E-03	21
2.51E 02	2.57E 02	2.87E 02	3.04E 02	6.26E-03	2.92E-03	4.05E-03	5.87E-03	8.41E-03	9.44E-03	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	1.15E-02	5.19E-03	7.69E-03	1.26E-02	1.52E-02	1.55E-02	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	6.73E-03	5.45E-03	5.46E-03	6.07E-03	7.99E-03	9.13E-03	4
5.01E 02	5.04E 02	5.04E 02	5.34E 02	7.24E-03	7.24E-03				7.24E-03	1

TOTAL N: 2506

TABLE . . FLORIDA ATTENUATION FOR 15.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.98E-01	4.16E-01	4.86E-01	4.86E-01	1.96E-04	1.96E-04				1.96E-04	1
4.01E-01	5.17E-01	5.77E-01	6.28E-01	2.33E-04	1.97E-04	2.15E-04	2.32E-04	2.42E-04	3.77E-04	35
6.31E-01	6.38E-01	7.22E-01	7.92E-01	2.87E-04	2.42E-04	2.74E-04	2.85E-04	2.97E-04	3.58E-04	66
7.94E-01	7.56E-01	9.35E-01	1.00E 00	3.05E-04	3.07E-04	3.12E-04	3.19E-04	3.38E-04	4.67E-04	79
1.00E 00	1.01E 00	1.13E 00	1.24E 00	4.48E-04	3.43E-04	4.27E-04	4.44E-04	4.64E-04	5.74E-04	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.63E-04	4.78E-04	5.24E-04	5.67E-04	5.97E-04	6.75E-04	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.10E-04	6.02E-04	6.61E-04	7.04E-04	7.69E-04	8.12E-04	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	8.69E-04	7.53E-04	8.24E-04	8.90E-04	9.36E-04	1.15E-03	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	1.14E-03	9.57E-04	1.06E-03	1.17E-03	1.20E-03	1.44E-03	121
3.16E 00	3.17E 00	3.56E 00	3.98E 00	1.44E-03	1.24E-03	1.33E-03	1.42E-03	1.51E-03	1.73E-03	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	1.79E-03	1.52E-03	1.65E-03	1.77E-03	1.89E-03	2.57E-03	164
5.01E 00	5.02E 00	5.63E 00	6.29E 00	2.24E-03	1.88E-03	2.08E-03	2.23E-03	2.35E-03	3.06E-03	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	2.84E-03	2.40E-03	2.62E-03	2.79E-03	2.96E-03	3.76E-03	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	3.54E-03	3.04E-03	3.29E-03	3.50E-03	3.69E-03	5.86E-03	104
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.42E-03	3.81E-03	4.08E-03	4.38E-03	4.68E-03	6.05E-03	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.47E-03	4.79E-03	5.24E-03	5.59E-03	5.90E-03	7.26E-03	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	7.32E-03	6.03E-03	6.60E-03	7.03E-03	7.44E-03	1.17E-02	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	9.06E-03	7.57E-03	8.19E-03	8.71E-03	9.36E-03	2.39E-02	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.15E-02	9.60E-03	1.07E-02	1.12E-02	1.21E-02	2.32E-02	91
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.52E-02	1.20E-02	1.32E-02	1.44E-02	1.56E-02	3.55E-02	133
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.94E-02	1.52E-02	1.69E-02	1.82E-02	2.01E-02	5.15E-02	71
5.01E 01	5.02E 01	5.58E 01	6.30E 01	2.38E-02	1.90E-02	2.09E-02	2.28E-02	2.45E-02	4.99E-02	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	3.03E-02	2.41E-02	2.69E-02	2.87E-02	3.23E-02	5.63E-02	80
7.94E 01	7.95E 01	8.80E 01	9.94E 01	3.90E-02	3.09E-02	3.46E-02	3.76E-02	4.24E-02	6.65E-02	63
1.00E 02	1.01E 02	1.13E 02	1.25E 02	5.04E-02	4.36E-02	4.62E-02	4.93E-02	5.31E-02	6.78E-02	40
1.26E 02	1.26E 02	1.41E 02	1.58E 02	6.47E-02	4.99E-02	5.86E-02	6.46E-02	6.82E-02	9.65E-02	38
1.58E 02	1.62E 02	1.78E 02	1.99E 02	8.47E-02	6.82E-02	7.66E-02	7.87E-02	9.33E-02	1.43E-01	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	9.80E-02	8.67E-02	9.03E-02	9.73E-02	1.03E-01	1.16E-01	20
2.51E 02	2.97E 02	2.67E 02	3.04E 02	1.32E-01	1.03E-01	1.24E-01	1.24E-01	1.42E-01	1.69E-01	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	1.71E-01	1.48E-01	1.58E-01	1.68E-01	1.83E-01	1.99E-01	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	2.16E-01	1.79E-01	1.89E-01	2.15E-01	2.43E-01	2.55E-01	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	2.36E-01	2.36E-01				2.36E-01	1

TOTAL N: 2456

TABLE . . FLORIDA ATTENUATION FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.98E-01	4.16E-01	4.86E-01	4.86E-01	2.54E-03	2.54E-03				2.54E-03	1
4.01E-01	5.17E-01	5.77E-01	6.28E-01	2.65E-03	2.02E-03	2.37E-03	2.54E-03	2.83E-03	3.51E-03	35
6.31E-01	6.38E-01	7.22E-01	7.92E-01	3.36E-03	2.60E-03	3.00E-03	3.31E-03	3.65E-03	4.44E-03	66
7.94E-01	7.56E-01	9.35E-01	1.00E 00	4.36E-03	3.24E-03	3.79E-03	4.02E-03	4.66E-03	1.33E-02	79
1.00E 00	1.01E 00	1.13E 00	1.24E 00	5.61E-03	3.97E-03	4.95E-03	5.47E-03	6.24E-03	7.69E-03	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	7.17E-03	5.10E-03	6.03E-03	6.72E-03	7.53E-03	1.57E-02	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	9.54E-03	6.58E-03	7.73E-03	8.62E-03	9.86E-03	2.36E-02	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	1.23E-02	8.14E-03	9.75E-03	1.09E-02	1.31E-02	4.16E-02	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	1.64E-02	1.05E-02	1.24E-02	1.37E-02	1.62E-02	5.77E-02	121
3.16E 00	3.17E 00	3.56E 00	3.98E 00	2.03E-02	1.32E-02	1.61E-02	1.80E-02	2.11E-02	9.77E-02	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	2.79E-02	1.61E-02	2.03E-02	2.25E-02	2.97E-02	1.26E-01	165
5.01E 00	5.02E 00	5.63E 00	6.29E 00	3.38E-02	2.13E-02	2.63E-02	3.00E-02	3.63E-02	1.59E-01	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	4.71E-02	2.71E-02	3.37E-02	3.89E-02	4.91E-02	2.39E-01	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	5.67E-02	3.50E-02	4.26E-02	5.09E-02	6.14E-02	2.54E-01	164
1.00E 01	1.00E 01	1.12E 01	1.25E 01	7.20E-02	4.17E-02	5.34E-02	6.01E-02	7.96E-02	2.21E-01	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	9.73E-02	5.64E-02	6.92E-02	7.79E-02	1.17E-01	3.90E-01	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	1.46E-01	7.51E-02	9.09E-02	1.08E-01	1.53E-01	6.57E-01	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.66E-01	8.89E-02	1.13E-01	1.31E-01	1.96E-01	6.06E-01	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	2.26E-01	1.18E-01	1.53E-01	1.85E-01	2.41E-01	8.66E-01	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	3.12E-01	1.52E-01	1.97E-01	2.51E-01	3.63E-01	9.75E-01	119
3.98E 01	3.99E 01	4.47E 01	5.01E 01	4.36E-01	1.99E-01	2.78E-01	3.62E-01	5.36E-01	1.21E 00	73
5.01E 01	5.02E 01	5.58E 01	6.30E 01	5.63E-01	2.60E-01	3.56E-01	4.26E-01	5.97E-01	1.32E 00	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	7.27E-01	3.40E-01	5.03E-01	6.27E-01	8.56E-01	1.77E 00	80
7.94E 01	7.95E 01	8.80E 01	9.94E 01	1.01E 00	4.30E-01	6.29E-01	9.08E-01	1.23E 00	2.34E 00	63
1.00E 02	1.01E 02	1.13E 02	1.25E 02	1.40E 00	7.07E-01	9.93E-01	1.30E 00	1.59E 00	2.72E 00	40
1.26E 02	1.26E 02	1.41E 02	1.56E 02	1.82E 00	8.96E-01	1.44E 00	1.80E 00	2.19E 00	2.91E 00	38
1.58E 02	1.62E 02	1.78E 02	1.98E 02	2.65E 00	1.39E 00	1.93E 00	2.31E 00	2.85E 00	3.32E 00	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	2.63E 00	1.81E 00	2.27E 00	2.63E 00	2.91E 00	3.74E 00	20
2.51E 02	2.97E 02	2.67E 02	3.04E 02	3.75E 00	1.95E 00	2.96E 00	3.46E 00	4.68E 00	6.73E 00	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	4.84E 00	3.76E 00	4.08E 00	4.83E 00	5.63E 00	5.96E 00	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	6.72E 00	5.43E 00	5.51E 00	6.37E 00	7.93E 00	8.70E 00	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	7.12E 00	7.12E 00				7.12E 00	1

TOTAL N: 2456

TABLE .R. FLORIDA ATTENUATION FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	%
3.98E-01	4.86E-01	4.86E-01	4.86E-01	5.31E-03	5.31E-03				5.31E-03	1
5.01E-01	5.17E-01	5.77E-01	6.28E-01	5.27E-03	3.63E-03	4.57E-03	5.06E-03	5.92E-03	7.97E-03	35
6.31E-01	6.36E-01	7.22E-01	7.92E-01	6.74E-03	4.74E-03	5.63E-03	6.81E-03	7.49E-03	1.08E-02	44
7.94E-01	7.56E-01	9.05E-01	1.00E 00	8.79E-03	5.78E-03	7.26E-03	7.97E-03	9.72E-03	1.36E-02	79
1.00E 00	1.01E 00	1.13E 00	1.24E 00	1.15E-02	7.08E-03	9.72E-03	1.12E-02	1.32E-02	1.49E-02	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.46E-02	9.40E-03	1.15E-02	1.36E-02	1.62E-02	1.69E-02	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.96E-02	1.22E-02	1.49E-02	1.69E-02	2.10E-02	5.07E-02	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	2.52E-02	1.50E-02	1.90E-02	2.22E-02	2.79E-02	6.79E-02	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	3.29E-02	1.93E-02	2.40E-02	2.85E-02	3.44E-02	8.39E-02	121
3.16E 00	3.17E 00	3.59E 00	3.98E 00	4.10E-02	2.39E-02	3.10E-02	3.69E-02	4.57E-02	1.13E-01	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	5.7CE-02	2.98E-02	4.0AE-02	4.66E-02	6.60E-02	2.12E-01	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	7.03E-02	3.92E-02	5.20E-02	6.35E-02	8.72E-02	1.95E-01	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	9.58E-02	5.15E-02	6.91E-02	8.45E-02	1.11E-01	2.87E-01	145
7.94E 00	7.55E 00	8.94E 00	9.99E 00	1.21E-01	6.65E-02	8.66E-02	1.09E-01	1.34E-01	3.21E-01	144
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.47E-01	7.84E-02	1.06E-01	1.28E-01	1.74E-01	3.38E-01	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	1.97E-01	1.10E-01	1.41E-01	1.69E-01	2.32E-01	5.49E-01	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	2.76E-01	1.43E-01	1.85E-01	2.18E-01	3.27E-01	6.76E-01	147
2.00E 01	2.00E 01	2.24E 01	2.51E 01	3.38E-01	1.75E-01	2.31E-01	2.82E-01	4.12E-01	9.65E-01	117
2.51E 01	2.52E 01	2.82E 01	3.16E 01	4.50E-01	2.28E-01	3.21E-01	4.05E-01	5.25E-01	9.91E-01	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	6.01E-01	4.06E-01	4.20E-01	5.33E-01	7.56E-01	1.43E 00	119
3.98E 01	3.99E 01	4.47E 01	5.01E 01	8.38E-01	4.10E-01	6.16E-01	7.96E-01	9.69E-01	1.75E 00	73
5.01E 01	5.05E 01	5.58E 01	6.30E 01	1.01E 00	5.43E-01	7.85E-01	9.30E-01	1.20E 00	2.02E 00	39
6.31E 01	6.31E 01	7.06E 01	7.92E 01	1.45E 00	8.19E-01	1.11E 00	1.35E 00	1.73E 00	2.67E 00	85
7.94E 01	7.55E 01	8.80E 01	9.94E 01	1.92E 00	9.01E-01	1.38E 00	1.90E 00	2.36E 00	3.26E 00	63
1.00E 02	1.01E 02	1.13E 02	1.25E 02	2.67E 00	1.57E 00	2.24E 00	2.57E 00	3.17E 00	4.15E 00	43
1.26E 02	1.26E 02	1.41E 02	1.56E 02	3.38E 00	1.93E 00	2.90E 00	3.37E 00	4.03E 00	4.58E 00	35
1.58E 02	1.62E 02	1.78E 02	1.98E 02	4.44E 00	2.73E 00	4.05E 00	4.93E 00	4.98E 00	5.92E 00	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	5.02E 00	3.82E 00	4.56E 00	4.96E 00	5.35E 00	6.06E 00	23
2.51E 02	2.57E 02	2.87E 02	3.04E 02	6.88E 00	4.25E 00	6.08E 00	6.79E 00	7.88E 00	9.63E 00	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	8.45E 00	6.36E 00	7.14E 00	8.46E 00	9.75E 00	1.05E 01	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	1.16E 01	9.82E 00	1.02E 01	1.13E 01	1.31E 01	1.43E 01	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	1.22E 01	1.22E 01				1.22E 01	1

TOTAL N: 2506

TABLE .I. FLORIDA ATTENUATION FOR 1.67 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	%
3.98E-01	4.86E-01	4.86E-01	4.86E-01	2.47E-02	2.47E-02				2.47E-02	1
5.01E-01	5.17E-01	5.77E-01	6.28E-01	2.48E-02	1.54E-02	2.07E-02	2.52E-02	3.34E-02	3.92E-02	35
6.31E-01	6.36E-01	7.22E-01	7.92E-01	3.32E-02	2.07E-02	2.65E-02	3.36E-02	3.95E-02	4.63E-02	44
7.94E-01	7.56E-01	9.05E-01	1.00E 00	4.16E-02	2.60E-02	3.37E-02	4.07E-02	4.97E-02	6.55E-02	79
1.00E 00	1.01E 00	1.13E 00	1.24E 00	5.60E-02	2.96E-02	4.99E-02	5.62E-02	6.54E-02	7.63E-02	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	6.92E-02	4.06E-02	5.61E-02	6.78E-02	7.98E-02	1.35E-01	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	8.82E-02	5.13E-02	7.20E-02	8.55E-02	1.03E-01	1.36E-01	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	1.12E-01	6.73E-02	9.19E-02	1.12E-01	1.31E-01	1.79E-01	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	1.42E-01	8.59E-02	1.16E-01	1.43E-01	1.69E-01	2.24E-01	121
3.16E 00	3.17E 00	3.59E 00	3.98E 00	1.85E-01	1.03E-01	1.47E-01	1.85E-01	2.11E-01	2.93E-01	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	2.41E-01	1.36E-01	2.75E-01	2.31E-01	2.76E-01	3.44E-01	165
5.01E 00	5.02E 00	5.63E 00	6.29E 00	3.07E-01	1.75E-01	2.65E-01	3.05E-01	3.45E-01	4.20E-01	151
6.31E 00	6.31E 00	7.05E 00	7.91E 00	3.95E-01	2.42E-01	3.40E-01	3.95E-01	4.44E-01	5.32E-01	165
7.94E 00	7.55E 00	8.94E 00	9.99E 00	5.09E-01	3.12E-01	4.36E-01	5.06E-01	5.79E-01	7.44E-01	144
1.00E 01	1.00E 01	1.12E 01	1.25E 01	6.29E-01	3.63E-01	5.45E-01	6.21E-01	7.17E-01	9.13E-01	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	8.15E-01	5.39E-01	7.04E-01	7.91E-01	9.75E-01	1.18E 00	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	1.07E 00	6.64E-01	9.38E-01	1.06E 00	1.31E 00	1.64E 00	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.35E 00	8.70E-01	1.16E 00	1.32E 00	1.67E 00	2.32E 00	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.74E 00	1.11E 00	1.56E 00	1.71E 00	1.99E 00	2.53E 00	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	2.23E 00	1.53E 00	1.98E 00	2.22E 00	2.42E 00	3.16E 00	11
3.98E 01	3.99E 01	4.47E 01	5.01E 01	2.94E 00	2.10E 00	2.67E 00	2.91E 00	3.13E 00	4.13E 00	73
5.01E 01	5.05E 01	5.58E 01	6.30E 01	3.67E 00	2.75E 00	3.38E 00	3.59E 00	3.96E 00	4.92E 00	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	4.81E 00	3.98E 00	4.42E 00	4.80E 00	5.17E 00	6.18E 00	85
7.94E 01	7.55E 01	8.80E 01	9.94E 01	6.08E 00	4.41E 00	5.65E 00	6.10E 00	6.48E 00	7.76E 00	63
1.00E 02	1.01E 02	1.13E 02	1.25E 02	7.57E 00	6.39E 00	7.29E 00	7.80E 00	8.35E 00	9.53E 00	43
1.26E 02	1.26E 02	1.41E 02	1.56E 02	9.91E 00	8.39E 00	8.98E 00	9.76E 00	1.07E 01	1.14E 01	38
1.58E 02	1.62E 02	1.78E 02	1.98E 02	1.27E 01	1.01E 01	1.20E 01	1.27E 01	1.36E 01	1.44E 01	27
2.00E 02	2.02E 02	2.18E 02	2.49E 02	1.49E 01	1.26E 01	1.38E 01	1.59E 01	1.67E 01	1.69E 01	23
2.51E 02	2.57E 02	2.87E 02	3.04E 02	2.00E 01	1.57E 01	1.91E 01	1.99E 01	2.11E 01	2.42E 01	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	2.42E 01	1.91E 01	2.13E 01	2.41E 01	2.73E 01	2.94E 01	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	3.27E 01	2.90E 01	2.98E 01	3.30E 01	3.57E 01	3.69E 01	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	3.65E 01	3.65E 01				3.65E 01	1

TOTAL N: 2506

TABLE ~. FLORIDA ATTENUATION FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.98E-01	4.68E-01	4.86E-01	4.86E-01	1.28E-01	1.28E-01				1.28E-01	1
5.01E-01	5.17E-01	5.77E-01	6.28E-01	1.52E-01	1.06E-01	1.40E-01	1.51E-01	1.67E-01	1.76E-01	35
6.31E-01	6.36E-01	7.22E-01	7.92E-01	1.93E-01	1.44E-01	1.78E-01	1.96E-01	2.09E-01	2.25E-01	44
7.94E-01	7.96E-01	9.05E-01	1.00E 00	2.38E-01	1.66E-01	2.21E-01	2.33E-01	2.47E-01	2.93E-01	39
1.00E 00	1.01E 00	1.13E 00	1.24E 00	3.07E-01	2.09E-01	2.85E-01	3.09E-01	3.35E-01	3.63E-01	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	3.78E-01	2.86E-01	3.43E-01	3.79E-01	4.11E-01	4.68E-01	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	4.75E-01	3.39E-01	4.47E-01	4.71E-01	5.11E-01	5.64E-01	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	5.94E-01	4.51E-01	5.57E-01	5.93E-01	6.41E-01	7.18E-01	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	7.48E-01	4.96E-01	7.00E-01	7.57E-01	8.03E-01	9.10E-01	121
3.16E 00	3.17E 00	3.59E 00	3.98E 00	9.63E-01	5.19E-01	9.13E-01	9.70E-01	1.03E 00	1.17E 00	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	1.20E 00	7.32E-01	1.14E 00	1.20E 00	1.29E 00	1.49E 00	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	1.53E 00	9.11E-01	1.45E 00	1.53E 00	1.61E 00	1.83E 00	151
6.31E 00	6.31E 00	7.09E 00	7.91E 00	1.90E 00	1.02E 00	1.79E 00	1.92E 00	2.04E 00	2.28E 00	145
7.94E 00	8.66E 00	8.94E 00	9.99E 00	2.44E 00	1.31E 00	2.30E 00	2.44E 00	2.59E 00	2.93E 00	166
1.00E 01	1.00E 01	1.12E 01	1.25E 01	3.05E 00	2.01E 00	2.89E 00	3.03E 00	3.28E 00	3.66E 00	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	3.82E 00	1.66E 00	3.61E 00	3.88E 00	4.11E 00	4.58E 00	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	4.76E 00	2.29E 00	4.63E 00	4.88E 00	5.21E 00	5.75E 00	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	6.06E 00	3.66E 00	5.75E 00	6.09E 00	6.43E 00	7.19E 00	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	7.57E 00	3.96E 00	7.28E 00	7.66E 00	8.30E 00	9.02E 00	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	9.36E 00	3.70E 00	8.98E 00	9.56E 00	1.03E 01	1.15E 01	117
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.16E 01	5.06E 00	1.08E 01	1.17E 01	1.28E 01	1.50E 01	73
5.01E 01	5.05E 01	5.58E 01	6.30E 01	1.47E 01	8.71E 00	1.37E 01	1.50E 01	1.95E 01	1.83E 01	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	1.80E 01	9.26E 00	1.66E 01	1.84E 01	1.99E 01	2.21E 01	80
7.94E 01	7.95E 01	8.80E 01	9.94E 01	2.18E 01	1.16E 01	1.98E 01	2.25E 01	2.43E 01	2.88E 01	61
1.00E 02	1.01E 02	1.13E 02	1.25E 02	2.69E 01	1.98E 01	2.47E 01	2.67E 01	2.94E 01	3.62E 01	63
1.26E 02	1.26E 02	1.41E 02	1.56E 02	3.33E 01	2.48E 01	3.06E 01	3.32E 01	3.63E 01	3.96E 01	39
1.58E 02	1.62E 02	1.78E 02	1.98E 02	4.13E 01	3.12E 01	3.93E 01	4.18E 01	4.43E 01	4.99E 01	27
2.00E 02	2.02E 02	2.16F 02	2.49E 02	5.26E 01	4.57E 01	4.88E 01	5.05E 01	5.47E 01	6.22E 01	20
2.51E 02	2.57E 02	2.87E 02	3.04E 02	6.73E 01	5.98E 01	6.14E 01	6.89E 01	7.14E 01	7.64E 01	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	8.36E 01	7.32E 01	7.66E 01	8.52E 01	9.06E 01	9.34E 01	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	1.02E 02	9.25E 01	9.45E 01	1.02E 02	1.39E 02	1.10E 02	4
5.01E 02	5.04E 02	5.04E 02	5.94E 02	1.20E 02	1.20E 02				1.20E 02	1

TOTAL N: 2505

TABLE ~. FLORIDA ATTENUATION FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.98E-01	4.68E-01	4.86E-01	4.86E-01	2.99E-01	2.99E-01				2.99E-01	1
5.01E-01	5.17E-01	5.77E-01	6.28E-01	5.87E-01	2.32E-01	3.21E-01	3.63E-01	4.43E-01	6.33E-01	35
6.31E-01	6.36E-01	7.22E-01	7.92E-01	4.70E-01	3.20E-01	3.92E-01	4.35E-01	5.49E-01	7.19E-01	44
7.94E-01	7.96E-01	9.05E-01	1.00E 00	5.95E-01	3.15E-01	4.93E-01	5.77E-01	7.17E-01	9.37E-01	39
1.00E 00	1.01E 00	1.13E 00	1.24E 00	6.85E-01	4.36E-01	5.45E-01	6.59E-01	8.36E-01	1.10E 00	69
1.26E 00	1.26E 00	1.41E 00	1.58E 00	8.70E-01	4.42E-01	6.73E-01	8.33E-01	1.07E 00	1.40E 00	88
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.07E 00	5.43E-01	8.61E-01	1.02E 00	1.39E 00	1.67E 00	81
2.00E 00	2.00E 00	2.23E 00	2.51E 00	1.32E 00	5.67E-01	1.00E 00	1.31E 00	1.57E 00	2.26E 00	91
2.51E 00	2.52E 00	2.83E 00	3.15E 00	1.68E 00	7.35E-01	1.32E 00	1.65E 00	1.99E 00	2.65E 00	121
3.16E 00	3.17E 00	3.59E 00	3.98E 00	2.06E 00	1.05E 00	1.64E 00	1.93E 00	2.36E 00	3.79E 00	139
3.98E 00	4.00E 00	4.48E 00	5.01E 00	2.43E 00	7.92E-01	1.82E 00	2.39E 00	2.94E 00	4.23E 00	145
5.01E 00	5.02E 00	5.63E 00	6.29E 00	2.99E 00	1.30E 00	2.31E 00	2.90E 00	3.54E 00	5.36E 00	151
6.31E 00	6.31E 00	7.09E 00	7.91E 00	3.57E 00	1.10E 00	2.78E 00	3.48E 00	4.38E 00	6.39E 00	145
7.94E 00	7.95E 00	8.94E 00	9.99E 00	4.38E 00	1.55E 00	3.52E 00	4.17E 00	5.13E 00	7.58E 00	166
1.00E 01	1.01E 01	1.12E 01	1.25E 01	5.56E 00	2.32E 00	4.59E 00	5.32E 00	6.53E 00	9.41E 00	154
1.26E 01	1.26E 01	1.41E 01	1.58E 01	6.76E 00	2.42E 00	5.30E 00	6.83E 00	8.30E 00	1.33E 01	141
1.58E 01	1.59E 01	1.78E 01	1.98E 01	7.97E 00	2.61E 00	6.52E 00	8.03E 00	9.39E 00	1.41E 01	107
2.00E 01	2.00E 01	2.24E 01	2.51E 01	9.94E 00	3.60E 00	7.97E 00	1.02E 01	1.16E 01	1.63E 01	112
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.20E 01	4.48E 00	9.42E 00	1.20E 01	1.42E 01	2.03E 01	93
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.49E 01	5.37E 00	1.22E 01	1.48E 01	1.76E 01	2.64E 01	117
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.69E 01	6.04E 00	1.46E 01	1.73E 01	1.93E 01	2.56E 01	73
5.01E 01	5.05E 01	5.58E 01	6.30E 01	2.13E 01	1.09E 01	1.79E 01	2.13E 01	2.39E 01	3.42E 01	79
6.31E 01	6.31E 01	7.06E 01	7.92E 01	2.46E 01	1.36E 01	2.11E 01	2.50E 01	2.76E 01	3.92E 01	80
7.94E 01	7.95E 01	8.80E 01	9.96E 01	2.97E 01	1.43E 01	2.57E 01	2.97E 01	3.57E 01	5.34E 01	61
1.00E 02	1.01E 02	1.13E 02	1.25E 02	3.69E 01	2.04E 01	3.12E 01	3.50E 01	4.37E 01	5.19E 01	40
1.26E 02	1.26E 02	1.41E 02	1.56E 02	4.63E 01	2.98E 01	4.15E 01	4.47E 01	5.08E 01	6.86E 01	39
1.58E 02	1.62E 02	1.78E 02	1.98E 02	5.52E 01	3.13E 01	4.46E 01	5.30E 01	6.34E 01	7.93E 01	27
2.00E 02	2.02E 02	2.16F 02	2.49E 02	7.69E 01	5.02E 01	6.54E 01	8.1FE 01	8.91E 01	9.51E 01	20
2.51E 02	2.57E 02	2.87E 02	3.04E 02	9.52E 01	6.44E 01	7.66E 01	1.03E 02	1.11E 02	1.15E 02	7
3.16E 02	3.20E 02	3.65E 02	3.98E 02	1.39E 02	1.08E 02	1.16E 02	1.39E 02	1.61E 02	1.68E 02	4
3.98E 02	3.99E 02	4.47E 02	4.76E 02	1.20E 02	1.12E 02	1.13E 02	1.20E 02	1.39E 02	1.51E 02	4
5.01E 02	5.04E 02	5.04E 02	5.04E 02	1.49E 02	1.49E 02				1.49E 02	1

TOTAL N: 2506

TABLE 32. FLORIDA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.58E-10	1.57E-10	1.57E-10	1.57E-10	6.02E-01	6.02E-01				6.02E-01	1
2.00E-10										
2.51E-10	2.00E-10	2.94E-10	3.09E-10	5.69E-01	5.17E-01				6.21E-01	2
3.16E-10	3.78E-10	3.84E-10	3.91E-10	7.41E-01	5.60E-01				9.23E-01	2
3.98E-10	4.00E-10	4.44E-10	4.93E-10	7.12E-01	5.52E-01	6.13E-01	6.83E-01	8.10E-01	9.91E-01	17
5.01E-10	5.02E-10	5.76E-10	6.28E-10	7.06E-01	5.10E-01	5.58E-01	6.70E-01	7.24E-01	1.21E 00	21
6.31E-10	6.31E-10	7.14E-10	7.89E-10	8.08E-01	4.86E-01	6.25E-01	8.24E-01	9.36E-01	1.31E 00	29
7.94E-10	7.95E-10	9.14E-10	1.00E-09	9.12E-01	5.20E-01	6.88E-01	8.65E-01	1.04E 00	1.70E 00	52
1.00E-09	1.02E-09	1.13E-09	1.24E-09	1.07E 00	6.27E-01	7.88E-01	9.88E-01	1.29E 00	2.32E 00	56
1.26E-09	1.30E-09	1.44E-09	1.58E-09	1.20E 00	5.95E-01	9.20E-01	1.16E 00	1.38E 00	2.18E 00	56
1.58E-09	1.59E-09	1.77E-09	1.99E-09	1.59E 00	7.73E-01	1.11E 00	1.50E 00	1.95E 00	3.93E 00	74
2.00E-09	2.00E-09	2.25E-09	2.51E-09	1.75E 00	8.25E-01	1.23E 00	1.59E 00	2.08E 00	3.96E 00	84
2.51E-09	2.83E-09	2.83E-09	3.16E-09	2.43E 00	1.21E 00	1.91E 00	2.37E 00	2.99E 00	4.64E 00	76
3.16E-09	3.17E-09	3.55E-09	3.97E-09	2.05E 00	1.30E 00	2.01E 00	2.80E 00	3.55E 00	5.67E 00	83
3.98E-09	4.01E-09	4.50E-09	5.01E-09	3.21E 00	1.41E 00	2.49E 00	2.97E 00	3.90E 00	6.27E 00	112
5.01E-09	5.02E-09	5.62E-09	6.29E-09	4.14E 00	1.00E 00	3.19E 00	4.11E 00	5.00E 00	7.13E 00	103
6.31E-09	6.31E-09	7.07E-09	7.94E-09	4.62E 00	1.34E 00	3.63E 00	4.29E 00	5.66E 00	8.72E 00	123
7.94E-09	7.97E-09	8.88E-09	9.98E-09	5.72E 00	1.84E 00	4.15E 00	5.38E 00	7.31E 00	1.01E 01	109
1.00E-08	1.00E-08	1.12E-08	1.25E-08	6.98E 00	2.34E 00	5.23E 00	6.71E 00	8.56E 00	1.23E 01	131
1.26E-08	1.26E-08	1.42E-08	1.58E-08	7.94E 00	2.42E 00	5.71E 00	7.65E 00	1.03E 01	1.34E 01	116
1.58E-08	1.59E-08	1.77E-08	1.99E-08	9.83E 00	2.68E 00	7.30E 00	9.02E 00	1.23E 01	1.67E 01	136
2.00E-08	2.00E-08	2.23E-08	2.51E-08	1.10E 01	2.96E 00	8.39E 00	1.03E 01	1.37E 01	2.02E 01	129
2.51E-08	2.53E-08	2.83E-08	3.16E-08	1.41E 01	3.44E 00	1.04E 01	1.38E 01	1.78E 01	2.75E 01	119
3.16E-08	3.17E-08	3.51E-08	3.98E-08	1.68E 01	6.13E 00	1.22E 01	1.59E 01	2.17E 01	3.74E 01	77
3.98E-08	3.99E-08	4.46E-08	5.01E-08	1.96E 01	4.79E 00	1.38E 01	1.95E 01	2.47E 01	3.57E 01	91
5.01E-08	5.04E-08	5.65E-08	6.29E-08	2.43E 01	3.73E 00	1.72E 01	2.58E 01	3.23E 01	4.03E 01	79
6.31E-08	6.32E-08	7.03E-08	7.94E-08	2.52E 01	5.13E 00	1.95E 01	2.49E 01	3.24E 01	4.56E 01	81
7.94E-08	7.97E-08	8.83E-08	9.93E-08	3.09E 01	7.91E 00	2.14E 01	3.25E 01	3.79E 01	5.83E 01	69
1.00E-07	1.00E-07	1.11E-07	1.25E-07	3.93E 01	1.28E 01	2.78E 01	3.85E 01	4.99E 01	6.33E 01	56
1.26E-07	1.26E-07	1.40E-07	1.58E-07	4.72E 01	1.40E 01	3.64E 01	4.55E 01	5.56E 01	8.78E 01	65
1.58E-07	1.59E-07	1.77E-07	1.99E-07	5.42E 01	1.79E 01	4.03E 01	5.30E 01	6.90E 01	8.72E 01	63
2.00E-07	2.00E-07	2.25E-07	2.50E-07	5.59E 01	1.63E 01	3.60E 01	5.83E 01	7.26E 01	9.76E 01	56
2.51E-07	2.52E-07	2.79E-07	3.15E-07	6.78E 01	1.80E 01	5.23E 01	6.93E 01	8.28E 01	1.25E 02	49
3.16E-07	3.19E-07	3.60E-07	3.98E-07	8.02E 01	1.48E 01	6.37E 01	8.07E 01	9.81E 01	1.31E 02	39
3.98E-07	4.03E-07	4.47E-07	5.00E-07	9.09E 01	1.46E 01	6.51E 01	9.12E 01	1.13E 02	1.67E 02	33
5.01E-07	5.04E-07	5.79E-07	6.29E-07	1.07E 02	4.09E 01	8.14E 01	1.08E 02	1.27E 02	1.95E 02	31
6.31E-07	6.39E-07	7.11E-07	7.92E-07	1.28E 02	3.23E 01	8.59E 01	1.30E 02	1.56E 02	2.57E 02	36
7.94E-07	7.98E-07	8.80E-07	9.84E-07	1.68E 02	5.54E 01	1.41E 02	1.71E 02	1.99E 02	2.69E 02	29
1.00E-06	1.00E-06	1.10E-06	1.21E-06	1.60E 02	4.69E 01	1.07E 02	1.56E 02	2.12E 02	2.95E 02	25
1.26E-06	1.29E-06	1.43E-06	1.56E-06	2.35E 02	1.75E 02	1.98E 02	2.16E 02	2.89E 02	3.43E 02	13
1.59E-06	1.60E-06	1.60E-06	1.60E-06	1.37E 02	1.37E 02				1.37E 02	1
2.00E-06	2.02E-06	2.11E-06	2.18E-06	3.71E 02	2.82E 02	3.20E 02	3.79E 02	4.22E 02	4.45E 02	4
2.51E-06	2.55E-06	2.76E-06	3.05E-06	3.72E 02	1.77E 02	2.72E 02	3.98E 02	4.83E 02	5.36E 02	5
3.16E-06	3.84E-06	3.84E-06	3.84E-06	4.67E 02	4.67E 02				4.67E 02	1

TOTAL N: 2506

TABLE 33. FLORIDA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
6.91E-09	7.54E-09	7.54E-09	7.54E-09	6.02E-01	6.02E-01				6.02E-01	1
7.94E 09										
1.00E-08	1.00E-08	1.12E-08	1.18E-08	5.69E-01	5.17E-01				6.21E-01	2
1.26E-08	1.45E-08	1.49E-08	1.55E-08	7.13E-01	5.60E-01				9.23E-01	3
1.58E-08	1.99E-08	1.78E-08	1.99E-08	7.24E-01	5.42E-01	5.64E-01	6.74E-01	8.27E-01	1.31E 00	14
2.00E-08	2.03E-08	2.24E-08	2.51E-08	7.04E-01	5.10E-01	5.55E-01	6.73E-01	7.24E-01	1.21E 00	22
2.51E-08	2.52E-08	2.83E-08	3.15E-08	8.15E-01	4.86E-01	6.82E-01	8.18E-01	9.19E-01	1.42E 00	34
3.16E-08	3.18E-08	3.58E-08	3.96E-08	9.46E-01	5.51E-01	7.09E-01	8.65E-01	1.12E 00	1.70E 00	54
3.98E-08	3.99E-08	4.45E-08	5.01E-08	1.10E 00	5.95E-01	8.24E-01	1.01E 00	1.27E 00	2.32E 00	53
5.01E-08	5.02E-08	5.73E-08	6.30E-08	1.32E 00	7.60E-01	9.92E-01	1.26E 00	1.56E 00	2.35E 00	69
6.31E-08	6.33E-08	7.11E-08	7.93E-08	1.66E 00	8.25E-01	1.15E 00	1.56E 00	2.00E 00	3.93E 00	71
7.94E-08	7.98E-08	8.86E-08	9.95E-08	2.03E 00	1.00E 00	1.38E 00	1.80E 00	2.55E 00	5.99E 00	91
1.00E-07	1.00E-07	1.12E-07	1.25E-07	2.45E 00	1.29E 00	1.91E 00	2.36E 00	2.87E 00	4.48E 00	81
1.26E-07	1.26E-07	1.41E-07	1.58E-07	3.01E 00	1.30E 00	2.17E 00	2.90E 00	3.63E 00	5.80E 00	93
1.58E-07	1.59E-07	1.78E-07	1.99E-07	3.45E 00	1.00E 00	2.68E 00	3.42E 00	4.09E 00	6.98E 00	104
2.00E-07	2.00E-07	2.24E-07	2.51E-07	4.25E 00	1.55E 00	3.32E 00	4.14E 00	5.01E 00	7.10E 00	114
2.51E-07	2.52E-07	2.79E-07	3.14E-07	4.98E 00	1.84E 00	3.71E 00	4.95E 00	6.04E 00	8.31E 01	106
3.16E-07	3.17E-07	3.58E-07	3.98E-07	6.20E 00	2.03E 00	4.76E 00	5.88E 00	7.65E 00	1.20E 01	128
3.98E-07	4.00E-07	4.46E-07	5.01E-07	7.19E 00	2.34E 00	5.63E 00	7.08E 00	8.95E 00	1.23E 01	121
5.01E-07	5.02E-07	5.66E-07	6.30E-07	9.10E 00	2.68E 00	6.96E 00	8.88E 00	1.10E 01	1.83E 01	132
6.31E-07	6.31E-07	7.12E-07	7.93E-07	1.04E 01	2.42E 00	8.23E 00	1.03E 01	1.30E 01	1.73E 01	135
7.94E-07	8.01E-07	9.01E-07	9.99E-07	1.26E 01	2.73E 00	9.33E 00	1.24E 01	1.63E 01	2.41E 01	118
1.00E-06	1.00E-06	1.11E-06	1.25E-06	1.53E 01	4.00E 00	1.17E 01	1.48E 01	1.85E 01	2.75E 01	102
1.26E-06	1.26E-06	1.43E-06	1.57E-06	1.86E 01	3.44E 00	1.43E 01	1.95E 01	2.22E 01	3.25E 01	80
1.58E-06	1.59E-06	1.78E-06	1.99E-06	2.21E 01	3.92E 00	1.54E 01	2.20E 01	2.82E 01	3.64E 01	80
2.00E-06	2.00E-06	2.24E-06	2.51E-06	2.59E 01	6.35E 00	1.95E 01	2.75E 01	3.29E 01	4.49E 01	81
2.51E-06	2.52E-06	2.82E-06	3.15E-06	3.03E 01	7.94E 00	2.23E 01	3.07E 01	3.72E 01	5.25E 01	64
3.16E-06	3.18E-06	3.55E-06	3.98E-06	3.69E 01	1.01E 01	2.75E 01	3.72E 01	4.61E 01	5.96E 01	52
3.98E-06	4.02E-06	4.53E-06	4.98E-06	4.45E 01	6.76E 00	3.64E 01	4.51E 01	5.47E 01	8.78E 01	62
5.01E-06	5.03E-06	5.69E-06	6.29E-06	4.76E 01	3.73E 00	3.55E 01	5.06E 01	6.39E 01	8.72E 01	61
6.31E-06	6.33E-06	6.98E-06	7.87E-06	5.36E 01	5.13E 00	3.87E 01	6.03E 01	7.18E 01	8.96E 01	44
7.94E-06	7.99E-06	8.91E-06	9.98E-06	6.12E 01	7.91E 00	4.65E 01	6.36E 01	8.03E 01	1.25E 02	48
1.00E-05	1.01E-05	1.13E-05	1.25E-05	6.87E 01	1.28E 01	4.60E 01	7.44E 01	8.68E 01	1.31E 02	39
1.26E-05	1.26E-05	1.40E-05	1.57E-05	6.85E 01	1.40E 01	5.78E 01	6.96E 01	9.25E 01	1.39E 02	39
1.59E-05	1.60E-05	1.79E-05	1.97E-05	8.08E 01	1.73E 01	5.97E 01	7.93E 01	1.17E 02	1.51E 02	34
2.00E-05	2.02E-05	2.24E-05	2.50E-05	8.93E 01	1.63E 01	6.65E 01	8.30E 01	1.21E 02	2.47E 02	36
2.51E-05	2.54E-05	2.83E-05	3.16E-05	1.30E 02	4.37E 01	9.28E 01	1.28E 02	1.56E 02	2.38E 02	29
3.16E-05	3.17E-05	3.59E-05	3.97E-05	1.26E 02	1.48E 01	7.87E 01	1.21E 02	1.78E 02	2.49E 02	32
3.98E-05	4.00E-05	4.47E-05	4.95E-05	1.40E 02	1.64E 01	1.08E 02	1.39E 02	1.77E 02	2.93E 02	26
5.01E-05	5.06E-05	5.64E-05	6.23E-05	1.52E 02	4.09E 01	7.78E 01	1.33E 02	2.25E 02	2.95E 02	19
6.31E-05	6.37E-05	7.06E-05	7.80E-05	1.53E 02	3.23E 01	6.74E 01	1.53E 02	1.99E 02	3.83E 02	15
7.94E-05	7.98E-05	9.13E-05	9.91E-05	1.62E 02	6.37E 01	8.19E 01	1.76E 02	2.05E 02	3.99E 02	12
1.00E-04	1.03E-04	1.07E-04	1.13E-04	2.49E 02	4.69E 01	1.55E 02	2.02E 02	3.41E 02	4.45E 02	5
1.26E-04	1.29E-04	1.42E-04	1.54E-04	2.72E 02	1.37E 02				3.98E 02	3
1.59E-04	1.62E-04	1.75E-04	1.81E-04	4.28E 02	3.04E 02				5.04E 02	3
2.00E-04	2.31E-04	2.39E-04	2.48E-04	3.22E 02	1.77E 02				4.47E 02	2

TOTAL N: 2506

TABLE 34. FLORIDA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (1/M)	MIN ETA (1/M)	MEAN ETA (1/M)	MAX ETA (1/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.58E-08	1.83E-08	1.83E-08	1.83E-08	6.02E-01	6.02E-01				6.02E-01	1
2.00E-08										
2.51E-08	2.57E-08	2.70E-08	2.84E-08	5.69E-01	5.17E-01				6.21E-01	2
3.16E-08	3.50E-08	3.72E-08	3.86E-08	7.13E-01	5.56E-01	5.60E-01	7.10E-01	8.16E-01	9.23E-01	6
3.98E-08	3.99E-08	4.49E-08	5.00E-08	7.09E-01	5.36E-01	5.61E-01	6.36E-01	8.56E-01	1.01E 00	13
5.01E-08	5.65E-08	5.72E-08	6.25E-08	7.39E-01	5.18E-01	6.03E-01	6.95E-01	8.84E-01	1.21E 00	24
6.31E-08	6.31E-08	7.19E-08	7.94E-08	8.43E-01	4.86E-01	6.73E-01	8.24E-01	9.94E-01	1.42E 00	35
7.94E-08	8.13E-08	9.00E-08	9.97E-08	9.56E-01	5.90E-01	7.46E-01	8.70E-01	1.11E 00	1.70E 00	61
1.00E-07	1.01E-07	1.13E-07	1.25E-07	1.14E 00	5.95E-01	8.36E-01	1.05E 00	1.29E 00	2.32E 00	47
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.38E 00	7.73E-01	1.04E 00	1.34E 00	1.67E 00	2.35E 00	72
1.58E-07	1.59E-07	1.80E-07	1.99E-07	1.69E 00	8.25E-01	1.19E 00	1.53E 00	2.03E 00	3.93E 00	79
2.00E-07	2.00E-07	2.25E-07	2.51E-07	2.79E 00	1.13E 00	1.99E 00	2.06E 00	2.79E 00	4.48E 00	99
2.51E-07	2.52E-07	2.83E-07	3.16E-07	2.51E 00	1.29E 00	1.91E 00	2.45E 00	2.96E 00	4.51E 00	82
3.16E-07	3.17E-07	3.60E-07	3.98E-07	3.14E 00	1.41E 00	2.44E 00	2.95E 00	3.72E 00	5.80E 00	96
3.98E-07	3.99E-07	4.49E-07	5.01E-07	3.78E 00	1.60E 00	2.90E 00	3.67E 00	4.50E 00	7.10E 00	97
5.01E-07	5.03E-07	5.65E-07	6.30E-07	4.27E 00	1.00E 00	3.51E 00	4.11E 00	5.03E 00	7.46E 00	118
6.31E-07	6.31E-07	7.06E-07	7.93E-07	5.23E 00	1.31E 00	3.94E 00	5.26E 00	6.21E 00	8.91E 01	97
7.94E-07	7.95E-07	8.90E-07	9.96E-07	6.45E 00	1.64E 00	5.02E 00	6.29E 00	7.84E 00	1.23E 01	122
1.00E-06	1.00E-06	1.12E-06	1.25E-06	7.61E 00	1.84E 00	5.39E 00	7.36E 00	9.19E 00	1.34E 01	175
1.26E-06	1.26E-06	1.42E-06	1.58E-06	9.13E 00	2.34E 00	6.92E 00	9.15E 00	1.12E 01	1.80E 01	131
1.58E-06	1.59E-06	1.77E-06	1.99E-06	1.08E 01	2.86E 00	8.43E 00	1.05E 01	1.38E 01	1.73E 01	119
2.00E-06	2.00E-06	2.25E-06	2.51E-06	1.35E 01	2.68E 00	9.92E 00	1.34E 01	1.71E 01	2.75E 01	114
2.51E-06	2.52E-06	2.80E-06	3.16E-06	1.48E 01	2.42E 00	1.09E 01	1.48E 01	1.93E 01	2.68E 01	100
3.16E-06	3.17E-06	3.55E-06	3.96E-06	1.81E 01	2.73E 00	1.22E 01	1.95E 01	2.29E 01	3.25E 01	82
3.98E-06	3.99E-06	4.47E-06	4.99E-06	2.21E 01	4.00E 00	1.47E 01	2.15E 01	2.96E 01	3.69E 01	77
5.01E-06	5.66E-06	5.58E-06	6.29E-06	2.56E 01	3.46E 00	1.86E 01	2.71E 01	3.29E 01	4.09E 01	70
6.31E-06	6.32E-06	7.13E-06	7.92E-06	2.98E 01	4.79E 00	2.16E 01	3.07E 01	3.69E 01	5.83E 01	68
7.94E-06	8.04E-06	8.89E-06	9.89E-06	3.26E 01	6.35E 00	2.09E 01	3.27E 01	4.43E 01	6.17E 01	63
1.00E-05	1.00E-05	1.13E-05	1.25E-05	4.39E 01	1.01E 01	2.82E 01	4.51E 01	5.58E 01	8.74E 01	56
1.26E-05	1.26E-05	1.42E-05	1.57E-05	4.19E 01	3.73E 00	2.45E 01	4.21E 01	5.88E 01	8.72E 01	59
1.58E-05	1.59E-05	1.76E-05	1.98E-05	5.13E 01	8.50E 00	3.20E 01	5.38E 01	7.07E 01	9.76E 01	50
2.00E-05	2.00E-05	2.25E-05	2.48E-05	5.49E 01	7.91E 00	3.48E 01	5.07E 01	7.03E 01	1.25E 02	51
2.51E-05	2.52E-05	2.84E-05	3.11E-05	5.80E 01	1.40E 01	4.01E 01	5.60E 01	7.03E 01	1.31E 02	33
3.16E-05	3.18E-05	3.59E-05	3.97E-05	7.07E 01	1.79E 01	5.18E 01	7.35E 01	9.06E 01	1.38E 02	48
3.98E-05	4.02E-05	4.48E-05	4.95E-05	6.30E 01	1.63E 01	3.03E 01	5.73E 01	8.95E 01	1.49E 02	33
5.01E-05	5.02E-05	5.61E-05	6.24E-05	9.03E 01	2.33E 01	7.02E 01	9.01E 01	1.13E 02	1.67E 02	31
6.31E-05	6.38E-05	7.09E-05	7.81E-05	1.01E 02	1.48E 01	5.55E 01	9.09E 01	1.42E 02	2.57E 02	29
7.94E-05	7.56E-05	9.02E-05	9.96E-05	1.14E 02	1.46E 01	6.95E 01	1.14E 02	1.53E 02	2.38E 02	34
1.00E-04	1.01E-04	1.14E-04	1.25E-04	1.41E 02	2.83E 01	1.04E 02	1.34E 02	1.82E 02	2.49E 02	29
1.26E-04	1.26E-04	1.40E-04	1.57E-04	1.38E 02	3.23E 01	8.03E 01	1.29E 02	1.77E 02	2.95E 02	31
1.59E-04	1.59E-04	1.81E-04	1.99E-04	1.94E 02	5.54E 01	1.52E 02	2.03E 02	2.31E 02	2.89E 02	12
2.00E-04	2.01E-04	2.20E-04	2.48E-04	1.51E 02	4.69E 01	8.19E 01	1.24E 02	1.86E 02	3.83E 02	16
2.51E-04	2.58E-04	2.71E-04	2.55E-04	2.27E 02	1.75E 02	1.80E 02	1.96E 02	2.16E 02	3.99E 02	6
3.16E-04	3.25E-04	3.39E-04	3.48E-04	3.06E 02	1.37E 02	2.09E 02	3.20E 02	4.02E 02	4.45E 02	4
3.98E-04	4.26E-04	4.70E-04	5.01E-04	4.20E 02	3.04E 02	3.51E 02	4.37E 02	4.90E 02	5.34E 02	4
5.01E-04	5.07E-04	5.07E-04	5.07E-04	1.77E 02	1.77E 02				1.77E 02	1
6.31E-04	6.83E-04	6.83E-04	6.83E-04	4.67E 02	4.67E 02				4.67E 02	1

TOTAL N: 2506

TABLE 35. FLORIDA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 GHz, 10 DEGREES E

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.58E-10	1.57E-10	1.57E-10	1.57E-10	3.27E-04	3.27E-04				3.27E-04	1
2.00E-10										
2.51E-10	2.50E-10	2.54E-10	3.09E-10	2.61E-04	2.31E-04				2.92E-04	2
3.16E-10	3.78E-10	3.84E-10	3.91E-10	3.48E-04	2.41E-04				4.56E-04	2
3.98E-10	4.00E-10	4.46E-10	4.93E-10	3.19E-04	2.26E-04	2.58E-04	3.02E-04	3.75E-04	4.67E-04	10
5.01E-10	5.02E-10	5.76E-10	6.28E-10	3.01E-04	2.00E-04	2.30E-04	2.75E-04	2.97E-04	5.78E-04	21
6.31E-10	6.31E-10	7.14E-10	7.89E-10	3.36E-04	1.98E-04	2.46E-04	3.28E-04	4.81E-04	5.81E-04	29
7.94E-10	1.55E-10	9.14E-10	1.30E-09	3.75E-04	1.97E-04	2.68E-04	3.45E-04	4.47E-04	7.93E-04	52
1.00E-09	1.02E-09	1.13E-09	1.24E-09	4.37E-04	2.42E-04	3.07E-04	3.91E-04	5.30E-04	1.39E-03	51
1.26E-09	1.30E-09	1.44E-09	1.58E-09	4.79E-04	2.24E-04	3.63E-04	4.95E-04	5.54E-04	9.63E-04	54
1.58E-09	1.59E-09	1.77E-09	1.99E-09	6.46E-04	3.15E-04	4.25E-04	6.00E-04	8.00E-04	1.86E-03	74
2.00E-09	2.00E-09	2.25E-09	2.51E-09	7.00E-04	3.19E-04	4.74E-04	6.19E-04	8.93E-04	1.81E-03	84
2.51E-09	2.93E-09	2.82E-09	3.14E-09	9.77E-04	4.61E-04	7.34E-04	9.34E-04	1.19E-03	2.01E-03	74
3.16E-09	3.17E-09	3.55E-09	3.97E-09	1.14E-03	5.97E-04	7.63E-04	1.13E-03	1.44E-03	2.51E-03	83
3.98E-09	4.01E-09	4.50E-09	5.01E-09	1.27E-03	5.90E-04	9.58E-04	1.17E-03	1.53E-03	2.46E-03	102
5.01E-09	5.02E-09	5.62E-09	6.29E-09	1.44E-03	4.54E-04	1.22E-03	1.60E-03	1.99E-03	3.76E-03	104
6.31E-09	6.31E-09	7.07E-09	7.94E-09	1.81E-03	7.56E-04	1.40E-03	1.68E-03	2.26E-03	3.65E-03	123
7.94E-09	7.97E-09	8.95E-09	9.98E-09	2.24E-03	8.07E-04	1.58E-03	2.09E-03	2.85E-03	4.26E-03	109
1.00E-08	1.00E-08	1.12E-08	1.25E-08	2.73E-03	1.08E-03	1.97E-03	2.57E-03	3.35E-03	5.05E-03	131
1.26E-08	1.26E-08	1.42E-08	1.58E-08	3.08E-03	1.15E-03	2.24E-03	2.97E-03	3.98E-03	5.38E-03	116
1.58E-08	1.59E-08	1.77E-08	1.99E-08	3.83E-03	1.31E-03	2.83E-03	3.78E-03	4.75E-03	7.29E-03	136
2.00E-08	2.00E-08	2.23E-08	2.51E-08	4.28E-03	1.44E-03	3.27E-03	3.97E-03	5.25E-03	7.89E-03	129
2.51E-08	2.53E-08	2.83E-08	3.16E-08	5.49E-03	1.86E-03	4.05E-03	5.34E-03	6.85E-03	1.10E-02	119
3.16E-08	3.17E-08	3.41E-08	[illegible]E-08	6.50E-03	2.75E-03	4.79E-03	6.03E-03	8.31E-03	1.18E-02	77
3.98E-08	3.99E-08	4.46E-08	[illegible]08	7.62E-03	2.57E-03	5.48E-03	7.48E-03	9.46E-03	1.29E-02	91
5.01E-08	5.04E-08	5.65E-08	[illegible]08	9.52E-03	3.12E-03	6.87E-03	9.92E-03	1.22E-02	1.56E-02	79
6.31E-08	6.32E-08	7.03E-08	7.[illegible]08	1.00E-02	3.83E-03	7.95E-03	9.67E-03	1.24E-02	1.73E-02	81
7.94E-08	7.97E-08	8.83E-08	9.93E-08	1.24E-02	5.15E-03	8.75E-03	1.27E-02	1.49E-02	2.35E-02	69
1.00E-07	1.00E-07	1.11E-07	1.25E-07	1.56E-02	7.89E-03	1.22E-02	1.53E-02	1.88E-02	2.46E-02	56
1.26E-07	1.26E-07	1.40E-07	1.58E-07	1.89E-02	8.54E-03	1.53E-02	1.84E-02	2.14E-02	3.56E-02	65
1.58E-07	1.59E-07	1.77E-07	1.99E-07	2.20E-02	1.01E-02	1.76E-02	2.13E-02	2.66E-02	3.33E-02	63
2.00E-07	2.00E-07	2.25E-07	2.53E-07	2.39E-02	1.14E-02	1.89E-02	2.42E-02	2.86E-02	3.68E-02	56
2.51E-07	2.52E-07	2.79E-07	3.15E-07	2.88E-02	1.37E-02	2.37E-02	2.93E-02	3.27E-02	4.77E-02	49
3.16E-07	3.19E-07	3.60E-07	3.98E-07	3.48E-02	1.89E-02	2.93E-02	3.46E-02	3.99E-02	4.99E-02	39
3.98E-07	4.03E-07	4.47E-07	5.00E-07	4.07E-02	2.26E-02	3.11E-02	4.24E-02	4.77E-02	6.82E-02	39
5.01E-07	5.04E-07	5.79E-07	6.29E-07	4.99E-02	3.26E-02	4.13E-02	4.70E-02	5.78E-02	7.87E-02	31
6.31E-07	6.39E-07	7.11E-07	7.92E-07	6.03E-02	3.28E-02	4.87E-02	5.97E-02	6.77E-02	1.03E-01	36
7.94E-07	7.98E-07	8.80E-07	9.84E-07	7.70E-02	4.99E-02	6.80E-02	7.77E-02	8.67E-02	1.36E-01	29
1.00E-06	1.00E-06	1.10E-06	1.21E-06	8.14E-02	5.23E-02	6.57E-02	8.19E-02	9.44E-02	1.24E-01	25
1.26E-06	1.29E-06	1.43E-06	1.56E-06	1.15E-01	9.46E-02	1.01E-01	1.09E-01	1.24E-01	1.68E-01	13
1.58E-06	1.60E-06	1.60E-06	1.60E-06	9.45E-02	9.45E-02				9.45E-02	1
2.00E-06	2.02E-06	2.11E-06	2.18E-06	1.73E-01	1.46E-01	1.57E-01	1.74E-01	1.89E-01	1.99E-01	4
2.51E-06	2.55E-06	2.76E-06	3.05E-06	1.96E-01	1.43E-01	1.62E-01	1.98E-01	2.33E-01	2.36E-01	5
3.16E-06	3.84E-06	3.84E-06	3.84E-06	2.55E-01	2.55E-01				2.55E-01	1

TOTAL N: 2506

TABLE 36. FLORIDA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
6.31E-09	7.94E-09	7.94E-09	7.94E-09	2.51E-03	2.51E-03				2.51E-03	1
7.94E-09										
1.00E-08	1.00E-08	1.12E-08	1.18E-08	2.24E-03	2.02E-03				2.47E-03	2
1.26E-08	1.45E-08	1.49E-08	1.55E-08	2.89E-03	2.26E-03				3.68E-03	3
1.58E-08	1.59E-08	1.78E-08	1.99E-08	2.96E-03	2.27E-03	2.36E-03	2.79E-03	3.24E-03	3.97E-03	14
2.00E-08	2.03E-08	2.29E-08	2.51E-08	2.97E-03	2.32E-03	2.53E-03	2.78E-03	2.98E-03	4.08E-03	27
2.51E-08	2.52E-08	2.83E-08	3.15E-08	3.68E-03	2.54E-03	3.04E-03	3.43E-03	3.78E-03	5.73E-03	34
3.16E-08	3.18E-08	3.58E-08	3.96E-08	4.15E-03	2.81E-03	3.43E-03	3.84E-03	4.63E-03	6.82E-03	54
3.98E-08	3.99E-08	4.45E-08	5.01E-08	4.90E-03	3.57E-03	3.97E-03	4.64E-03	5.43E-03	9.18E-03	53
5.01E-08	5.02E-08	5.73E-08	6.30E-08	6.01E-03	4.17E-03	4.98E-03	5.68E-03	6.72E-03	9.39E-03	69
6.31E-08	6.33E-08	7.11E-08	7.93E-08	7.62E-03	5.07E-03	6.16E-03	7.12E-03	8.46E-03	1.57E-02	71
7.94E-08	7.98E-08	8.86E-08	9.95E-08	9.24E-03	6.29E-03	7.44E-03	8.56E-03	1.07E-02	1.59E-02	81
1.00E-07	1.00E-07	1.12E-07	1.25E-07	1.14E-02	8.15E-03	9.72E-03	1.11E-02	1.28E-02	1.80E-02	81
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.43E-02	9.52E-03	1.23E-02	1.36E-02	1.61E-02	2.35E-02	93
1.58E-07	1.59E-07	1.78E-07	1.99E-07	1.71E-02	1.27E-02	1.49E-02	1.68E-02	1.89E-02	2.82E-02	104
2.00E-07	2.00E-07	2.24E-07	2.51E-07	2.12E-02	1.55E-02	1.89E-02	2.08E-02	2.31E-02	2.96E-02	114
2.51E-07	2.52E-07	2.82E-07	3.14E-07	2.57E-02	1.85E-02	2.22E-02	2.51E-02	2.79E-02	4.17E-02	104
3.16E-07	3.17E-07	3.58E-07	3.98E-07	3.24E-02	2.47E-02	2.85E-02	3.15E-02	3.51E-02	4.97E-02	120
3.98E-07	4.00E-07	4.46E-07	5.01E-07	3.93E-02	3.08E-02	3.51E-02	3.88E-02	4.26E-02	5.39E-02	121
5.01E-07	5.02E-07	5.66E-07	6.30E-07	4.93E-02	3.73E-02	4.49E-02	4.86E-02	5.35E-02	7.51E-02	132
6.31E-07	6.31E-07	7.12E-07	7.93E-07	6.00E-02	4.36E-02	5.52E-02	5.93E-02	6.45E-02	7.73E-02	135
7.94E-07	8.01E-07	9.01E-07	9.99E-07	7.49E-02	5.19E-02	6.85E-02	7.37E-02	8.08E-02	1.06E-01	118
1.00E-06	1.00E-06	1.11E-06	1.25E-06	9.19E-02	7.44E-02	8.46E-02	8.95E-02	9.77E-02	1.24E-01	102
1.26E-06	1.26E-06	1.43E-06	1.57E-06	1.15E-01	8.95E-02	1.08E-01	1.15E-01	1.22E-01	1.52E-01	83
1.58E-06	1.59E-06	1.78E-06	1.99E-06	1.41E-01	7.38E-02	1.30E-01	1.41E-01	1.53E-01	1.83E-01	87
2.00E-06	2.00E-06	2.24E-06	2.51E-06	1.76E-01	1.13E-01	1.67E-01	1.77E-01	1.89E-01	2.14E-01	81
2.51E-06	2.52E-06	2.82E-06	3.15E-06	2.18E-01	1.67E-01	2.02E-01	2.17E-01	2.33E-01	2.65E-01	64
3.16E-06	3.18E-06	3.55E-06	3.98E-06	2.68E-01	1.23E-01	2.53E-01	2.70E-01	2.92E-01	3.29E-01	52
3.98E-06	4.02E-06	4.53E-06	4.98E-06	3.34E-01	1.68E-01	3.18E-01	3.47E-01	3.67E-01	4.56E-01	62
5.01E-06	5.03E-06	5.69E-06	6.29E-06	3.84E-01	9.57E-02	3.80E-01	4.17E-01	4.48E-01	5.26E-01	61
6.31E-06	6.33E-06	6.98E-06	7.87E-06	4.61E-01	1.04E-01	4.50E-01	5.03E-01	5.35E-01	6.38E-01	44
7.94E-06	7.55E-06	8.91E-06	9.98E-06	5.62E-01	1.33E-01	5.17E-01	6.10E-01	6.63E-01	7.66E-01	48
1.00E-05	1.01E-05	1.13E-05	1.25E-05	7.02E-01	1.61E-01	6.35E-01	7.77E-01	8.58E-01	9.37E-01	39
1.26E-05	1.26E-05	1.40E-05	1.57E-05	7.28E-01	2.12E-01	5.27E-01	7.19E-01	9.77E-01	1.19E 00	39
1.59E-05	1.60E-05	1.75E-05	1.97E-05	9.52E-01	3.53E-01	6.82E-01	1.03E 00	1.18E 00	1.44E 00	34
2.00E-05	2.02E-05	2.24E-05	2.50E-05	1.06 00	2.78E-01	5.69E-01	1.14E 00	1.47E 00	1.95E 00	36
2.51E-05	2.54E-05	2.83E-05	3.16E-05	1.61E 00	8.49E-01	1.41E 00	1.67E 00	1.85E 00	2.33E 00	29
3.16E-05	3.17E-05	3.59E-05	3.97E-05	1.70E 00	3.51E-01	1.30E 00	1.89E 00	2.20E 00	2.66E 00	32
3.98E-05	4.00E-05	4.47E-05	4.95E-05	1.93E 00	3.90E-01	1.42E 00	2.01E 00	2.52E 00	3.16E 00	26
5.01E-05	5.06E-05	5.64E-05	6.23E-05	2.21E 00	8.41E-01	1.53E 00	2.09E 00	2.99E 00	3.74E 00	19
6.31E-05	6.37E-05	7.06E-05	7.80E-05	2.45E 00	9.01E-01	1.53E 00	2.62E 00	2.95E 00	4.40E 00	15
7.94E-05	7.58E-05	9.13E-05	9.91E-05	2.95E 00	1.72E 00	1.95E 00	2.94E 00	3.65E 00	5.43E 00	12
1.00E-04	1.03E-04	1.07E-04	1.13E-04	3.60E 00	1.20E 00	2.31E 00	3.27E 00	5.35E 00	5.39E 00	6
1.26E-04	1.29E-04	1.42E-04	1.58E-04	4.62E 00	2.91E 00				5.94E 00	3
1.59E-04	1.62E-04	1.75E-04	1.81E-04	6.77E 00	6.03E 00				7.16E 00	3
2.00E-04	2.21E-04	2.39E-04	2.48E-04	6.24E 00	3.78E 00				8.70E 00	2

TOTAL N: 2506

TABLE 37. FLORIDA ATTENUATION TABULATED AS A FUNCTION OF REFRACTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.58E-C8	1.83E-C8	1.83E-08	1.83E-08	4.28E-03	4.28E-03				4.28E-03	1
2.07E-C8										
2.51E-C8	2.57E-08	2.70E-08	2.84E-08	4.01E-03	3.63E-03				4.39E-03	2
3.16E-C8	3.56E-08	3.72E-08	3.88E-08	5.16E-03	4.17E-03	4.29E-03	5.14E-03	5.78E-03	6.43E-03	6
3.98E-C8	3.59E-08	4.49E-08	5.00E-08	5.34E-03	4.30E-03	4.55E-03	4.95E-03	6.07E-03	7.08E-03	13
5.01E-C8	5.09E-08	5.72E-08	6.25E-08	5.85E-03	4.60E-03	5.07E-03	5.56E-03	6.71E-03	8.69E-03	29
6.31E-C8	6.31E-08	7.19E-08	7.94E-08	6.99E-03	5.31E-03	6.02E-03	6.67E-03	7.32E-03	1.03E-02	35
7.94E-C8	8.13E-08	9.00E-08	9.97E-08	8.23E-03	6.21E-03	7.28E-03	7.80E-03	8.96E-03	1.22E-02	61
1.00E-C7	1.01E-07	1.13E-07	1.25E-07	1.01E-02	7.88E-03	9.03E-03	9.77E-03	1.09E-02	1.63E-02	47
1.26E-C7	1.26E-07	1.42E-07	1.58E-07	1.24E-02	9.53E-03	1.09E-02	1.21E-02	1.38E-02	1.73E-02	72
1.58E-C7	1.59E-07	1.80E-07	1.99E-07	1.56E-02	1.16E-02	1.36E-02	1.49E-02	1.70E-02	2.78E-02	79
2.00E-C7	2.00E-07	2.25E-07	2.51E-07	1.98E-02	1.44E-02	1.67E-02	1.93E-02	2.26E-02	3.26E-02	74
2.51E-C7	2.52E-07	2.83E-07	3.16E-07	2.38E-02	1.82E-02	2.12E-02	2.28E-02	2.57E-02	3.40E-02	82
3.16E-C7	3.17E-07	3.60E-07	3.98E-07	3.02E-02	2.32E-02	2.72E-02	2.93E-02	3.19E-02	4.33E-02	94
3.98E-C7	3.99E-07	4.49E-07	5.01E-07	3.69E-02	2.80E-02	3.31E-02	3.58E-02	3.98E-02	5.43E-02	97
5.01E-C7	5.03E-07	5.65E-07	6.30E-07	4.46E-02	3.06E-02	4.13E-02	4.59E-02	4.69E-02	6.02E-02	118
6.31E-C7	6.31E-07	7.04E-07	7.93E-07	5.52E-02	3.45E-02	5.03E-02	5.50E-02	5.86E-02	7.84E-02	97
7.94E-C7	7.95E-07	8.90E-07	9.96E-07	6.91E-02	3.92E-02	6.49E-02	6.82E-02	7.45E-02	9.74E-02	122
1.00E-C6	1.00E-06	1.12E-06	1.25E-06	8.41E-02	4.71E-02	7.73E-02	8.39E-02	8.97E-02	1.12E-01	125
1.26E-C6	1.26E-06	1.42E-06	1.58E-06	1.05E-01	5.43E-02	9.83E-02	1.06E-01	1.14E-01	1.43E-01	131
1.58E-C6	1.59E-06	1.77E-06	1.99E-06	1.30E-01	8.39E-02	1.21E-01	1.31E-01	1.38E-01	1.60E-01	119
2.00E-C6	2.00E-06	2.25E-06	2.51E-06	1.62E-01	8.36E-02	1.51E-01	1.65E-01	1.76E-01	2.28E-01	114
2.51E-C6	2.52E-06	2.83E-06	3.16E-06	1.92E-01	6.79E-02	1.82E-01	1.93E-01	2.10E-01	2.49E-01	100
3.16E-C6	3.17E-06	3.55E-06	3.96E-06	2.34E-01	6.87E-02	2.17E-01	2.50E-01	2.66E-01	3.16E-01	82
3.98E-06	3.99E-06	4.47E-06	4.99E-06	2.99E-01	8.19E-02	2.81E-01	3.14E-01	3.29E-01	3.75E-01	77
5.01E-C6	5.06E-06	5.58E-06	6.29E-06	3.55E-01	8.39E-02	3.19E-01	3.80E-01	4.10E-01	4.43E-01	70
6.31E-C6	6.32E-06	7.13E-06	7.92E-06	4.44E-01	1.66E-01	3.98E-01	4.54E-01	5.14E-01	6.23E-01	68
7.94E-C6	8.04E-06	8.89E-06	9.89E-06	5.20E-01	1.66E-01	4.37E-01	5.66E-01	6.15E-01	7.35E-01	63
1.00E-C5	1.00E-05	1.13E-05	1.25E-05	6.82E-01	2.52E-01	5.92E-01	7.34E-01	8.20E-01	9.36E-01	56
1.26E-C5	1.26E-05	1.42E-05	1.57E-05	7.17E-01	1.10E-01	5.34E-01	8.06E-01	9.38E-01	1.08E 00	58
1.58E-C5	1.59E-05	1.76E-05	1.98E-05	9.08E-01	2.17E-01	7.53E-01	9.83E-01	1.13E 00	1.35E 00	50
2.00E-05	2.00E-05	2.25E-05	2.48E-05	1.02E 00	1.98E-01	6.99E-01	1.07E 00	1.36E 00	1.68E 00	52
2.51E-C5	2.52E-05	2.84E-05	3.11E-05	1.15E 00	3.20E-01	8.39E-01	1.20E 00	1.44E 00	2.22E 00	55
3.16E-C5	3.18E-05	3.59E-05	3.97E-05	1.47E 00	4.47E-01	1.12E 00	1.50E 00	1.84E 00	2.44E 00	48
3.98E-C5	4.02E-05	4.48E-05	4.95E-05	1.45E 00	4.29E-01	8.63E-01	1.31E 00	2.17E 00	2.80E 00	33
5.01E-C5	5.02E-05	5.61E-05	6.24E-05	2.09E 00	6.80E-01	1.66E 00	2.19E 00	2.57E 00	3.42E 00	31
6.31E-05	6.38E-05	7.09E-05	7.81E-05	2.29E 00	5.04E-01	1.47E 00	2.30E 00	3.02E 00	4.25E 00	29
7.94E-C5	8.68E-05	9.32E-05	9.96E-05	2.83E 00	5.69E-01	2.18E 00	2.94E 00	3.67E 00	4.82E 00	34
1.00E-04	1.01E-04	1.14E-04	1.25E-04	3.42E 00	9.91E-01	2.54E 00	3.46E 00	4.31E 00	5.44E 00	29
1.26E-04	1.26E-04	1.40E-04	1.57E-04	3.59E 00	1.16E 00	2.68E 00	3.45E 00	4.71E 00	6.52E 00	31
1.59E-04	1.59E-04	1.81E-04	1.99E-04	5.01E 00	1.80E 00	4.19E 00	4.87E 00	6.29E 00	6.87E 00	12
2.00E-04	2.01E-04	2.20E-04	2.48E-04	6.14E 00	1.75E 00	2.82E 00	4.22E 00	5.07E 00	7.33E 00	15
2.51E-04	2.58E-04	2.71E-04	2.95E-04	6.38E 00	4.86E 00	5.51E 00	5.74E 00	5.92E 00	1.45E 01	4
3.16E-04	3.25E-04	3.39E-04	3.68E-04	7.78E 00	4.06E 00	6.15E 00	8.62E 00	9.41E 00	9.82E 00	4
3.98E-04	4.26E-04	4.79E-04	5.31E-04	1.11E 01	9.63E 00	1.01E 01	1.13E 01	1.22E 01	1.22E 01	4
5.01E-04	5.07E-04	5.07E-	5.37E-04	5.92E 00	5.92E 00				5.92E 00	1
6.31E-04	6.83E-04	6.83E-04	6.83E-04	1.40E 01	1.40E 01				1.40E 01	1

TOTAL N= 2565

TABLE 38. OREGON REFLECTIVITY FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
3.16E-01	3.79E-01	3.84E-01	3.89E-01	3.96E-10	3.70E-10				4.23E-10	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	4.60E-10	2.05E-10	2.58E-10	4.79E-10	6.40E-10	7.13E-10	5
5.01E-01	5.02E-01	5.67E-01	6.28E-01	4.81E-10	1.33E-10	3.29E-10	4.58E-10	5.62E-10	1.13E-09	138
6.31E-01	6.32E-01	7.05E-01	7.93E-01	6.69E-10	1.96E-10	4.77E-10	6.23E-10	8.17E-10	1.68E-09	171
7.94E-01	7.95E-01	8.98E-01	1.00E 00	8.79E-10	2.82E-10	6.12E-10	7.78E-10	1.04E-09	3.74E-09	196
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.25E-09	3.96E-10	9.03E-10	1.14E-09	1.49E-09	5.27E-09	184
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.66E-09	4.37E-10	1.12E-09	1.47E-09	1.99E-09	6.45E-09	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	2.79E-09	7.00E-10	1.84E-09	2.31E-09	3.19E-09	1.12E-08	171
2.00E 00	2.00E 00	2.28E 00	2.51E 00	3.36E-09	9.28E-10	2.22E-09	3.04E-09	4.09E-09	1.29E-08	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	5.07E-09	1.41E-09	2.96E-09	4.16E-09	5.69E-09	2.79E-08	139
3.16E 00	3.17E 00	3.54E 00	3.98E 00	6.21E-09	1.71E-09	3.98E-09	5.23E-09	7.24E-09	2.69E-08	119
3.98E 00	4.01E 00	4.45E 00	4.99E 00	1.01E-08	2.43E-09	5.81E-09	7.63E-09	1.12E-08	1.23E-07	84
5.01E 00	5.03E 00	5.64E 00	6.30E 00	1.17E-08	2.68E-09	6.98E-09	9.71E-09	1.39E-08	5.47E-08	79
6.31E 00	6.32E 00	7.02E 00	7.94E 00	1.76E-08	5.09E-09	9.68E-09	1.49E-08	2.03E-08	6.96E-08	51
7.94E 00	7.95E 00	8.66E 00	9.95E 00	2.08E-08	7.50E-09	1.26E-08	2.03E-08	2.77E-08	9.22E-08	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	2.49E-08	9.41E-09	1.97E-08	2.51E-08	2.91E-08	4.37E-08	25
1.26E 01	1.28E 01	1.44E 01	1.58E 01	3.37E-08	1.26E-08	2.30E-08	2.96E-08	3.12E-08	8.45E-08	9
1.58E 01	1.83E 01	1.90E 01	1.98E 01	2.03E-08	1.76E-08				2.33E-08	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	9.70E-08	5.08E-08				9.74E-08	3
2.51E 01	2.60E 01	2.60E 01	2.60E 01	5.08E-08	5.08E-08				5.08E-08	1

TOTAL N: 1703

TABLE 39. OREGON REFLECTIVITY FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
3.16E-01	3.79E-01	3.84E-01	3.89E-01	1.48E-08	1.39E-09				1.57E-08	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	1.69E-08	7.80E-09	9.75E-09	1.74E-08	2.33E-08	2.59E-08	5
5.01E-01	5.02E-01	5.67E-01	6.28E-01	1.79E-08	5.14E-09	1.25E-08	1.71E-08	2.07E-08	4.13E-08	138
6.31E-01	6.32E-01	7.05E-01	7.93E-01	2.47E-08	7.53E-09	1.80E-08	2.32E-08	3.01E-08	6.56E-08	171
7.94E-01	7.95E-01	8.98E-01	1.00E 00	3.23E-08	1.08E-08	2.29E-08	2.91E-08	3.85E-08	1.23E-07	196
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.57E-08	1.52E-08	3.37E-08	4.22E-08	5.47E-08	1.76E-07	184
1.26E 00	1.26E 00	1.41E 00	1.58E 00	6.05E-08	1.68E-08	4.27E-08	5.47E-08	7.25E-08	2.19E-07	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	9.86E-08	2.67E-08	6.81E-08	8.46E-08	1.11E-07	4.17E-07	171
2.00E 00	2.00E 00	2.28E 00	2.51E 00	1.21E-07	3.54E-08	8.27E-08	1.11E-07	1.45E-07	5.69E-07	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	1.93E-07	5.34E-08	1.09E-07	1.52E-07	1.99E-07	2.17E-06	139
3.16E 00	3.17E 00	3.54E 00	3.98E 00	2.25E-07	6.54E-08	1.44E-07	1.89E-07	2.58E-07	1.14E-06	119
3.98E 00	4.01E 00	4.45E 00	4.99E 00	4.62E-07	9.22E-08	2.10E-07	2.73E-07	3.86E-07	1.37E-05	88
5.01E 00	5.03E 00	5.64E 00	6.30E 00	4.52E-07	1.02E-07	2.54E-07	3.51E-07	4.77E-07	4.03E-06	79
6.31E 00	6.32E 00	7.02E 00	7.94E 00	7.39E-07	1.92E-07	3.53E-07	5.23E-07	7.01E-07	5.12E-06	51
7.94E 00	7.95E 00	8.66E 00	9.95E 00	8.26E-07	2.80E-07	4.51E-07	7.03E-07	9.44E-07	2.56E-06	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	8.59E-07	3.43E-07	7.09E-07	8.77E-07	1.01E-06	1.38E-06	25
1.26E 01	1.28E 01	1.44E 01	1.58E 01	1.70E-06	4.70E-07	8.17E-07	1.04E-06	1.38E-06	7.23E-06	8
1.58E 01	1.83E 01	1.90E 01	1.98E 01	7.49E-07	6.90E-07				8.49E-07	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	2.62E-06	1.78E-06				3.32E-06	3
2.51E 01	2.60E 01	2.60E 01	2.60E 01	1.80E-06	1.80E-06				1.80E-06	1

TOTAL N: 1703

TABLE 40. OREGON REFLECTIVITY FOR 3.2 CM, 15 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
									3.79E-08	2
3.16E-01	3.35E-01	3.84E-01	3.84E-01	3.93E-08	3.32E-08				6.19E-08	6
3.98E-01	4.31E-01	4.81E-01	5.01E-01	4.08E-08	1.88E-08	2.35E-08	4.18E-08	5.59E-08	1.30E-07	144
5.01E-01	5.62E-01	5.67E-01	6.28E-01	4.29E-08	1.24E-08	3.01E-08	4.12E-08	4.97E-08	1.60E-07	171
6.31E-01	6.32E-01	7.09E-01	7.93E-01	5.93E-08	1.82E-08	4.33E-08	5.66E-08	7.19E-08	3.91E-07	196
7.94E-01	7.55E-01	8.98E-01	1.00E 00	7.83E-08	2.62E-08	5.52E-08	6.99E-08	9.21E-08	6.37E-07	188
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.11E-07	3.67E-08	8.10E-08	1.01E-07	1.31E-07	9.24E-07	175
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.48E-07	4.77E-08	1.01E-07	1.31E-07	1.73E-07	1.69E-06	171
1.58E 00	1.59E 00	1.78E 00	1.99E 00	2.97E-07	6.46E-08	1.66E-07	2.02E-07	2.65E-07	2.39E-06	177
2.00E 00	2.00E 00	2.28E 00	2.51E 00	3.05E-07	8.50E-08	1.98E-07	2.61E-07	3.62E-07	4.81E-06	135
2.51E 00	2.53E 00	2.81E 00	3.16E 00	5.22E-07	1.29E-07	3.44E-07	4.53E-07	6.21E-07	6.27E-06	111
3.16E 00	3.17E 00	3.54E 00	3.98E 00	5.95E-07	1.58E-07	5.07E-07	6.93E-07	1.00E-06	2.70E-05	84
3.98E 00	4.01E 00	4.45E 00	4.99E 00	1.12E-06	2.22E-07	6.09E-07	8.39E-07	1.26E-06	1.34E-05	79
5.01E 00	5.02E 00	5.64E 00	6.31E 00	1.23E-06	2.46E-07	8.49E-07	1.32E-06	2.05E-06	1.21E-05	51
6.31E 00	6.34E 00	7.02E 00	7.94E 00	2.05E-06	4.62E-07	1.09E-06	1.77E-06	2.56E-06	4.63E-06	25
7.94E 00	7.55E 00	8.88E 00	9.95E 00	2.23E-06	6.71E-07	1.69E-06	2.21E-06	2.77E-06	4.20E-06	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	2.28E-06	8.30E-07	2.30E-06	2.65E-06	2.97E-06	1.75E-05	4
1.26E 01	1.28E 01	1.44E 01	1.58E 01	4.24E-06	1.13E-06				2.36E-06	2
1.58E 01	1.83E 01	1.90E 01	1.98E 01	1.80E-06	1.56E-06				9.83E-06	3
2.00E 01	2.14E 01	2.31E 01	2.41E 01	7.23E-06	4.42E-06				4.34E-06	1
2.51E 01	2.60E 01	2.60E 01	2.60E 01	4.34E-06	4.34E-06					

TOTAL N: 1763

TABLE 41. OREGON REFLECTIVITY FOR 1.67 CM, 15 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
									3.19E-07	2
1.12E-01	3.79E-01	3.84E-01	3.93E-01	3.13E-07	2.87E-07				9.32E-07	6
3.98E-01	4.31E-01	4.81E-01	5.01E-01	3.89E-07	1.59E-07	1.99E-07	3.90E-07	5.67E-07	1.45E-06	144
5.01E-01	5.02E-01	5.67E-01	6.28E-01	3.93E-07	1.24E-07	2.54E-07	3.59E-07	4.54E-07	2.13E-06	171
6.31E-01	6.32E-01	7.09E-01	7.93E-01	5.72E-07	1.53E-07	3.71E-07	4.95E-07	6.73E-07	9.98E-06	196
7.94E-01	7.55E-01	8.98E-01	1.00E 00	7.75E-07	2.19E-07	4.84E-07	6.15E-07	8.57E-07	7.98E-06	188
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.12E-06	3.07E-07	7.19E-07	9.60E-07	1.20E-06	9.69E-06	175
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.55E-06	3.41E-07	8.77E-07	1.20E-06	1.42E-06	1.73E-05	171
1.58E 00	1.59E 00	1.78E 00	1.99E 00	2.86E-06	5.61E-07	1.49E-06	2.01E-06	3.00E-06	1.81E-05	124
2.00E 00	2.00E 00	2.28E 01	2.51E 00	3.60E-06	7.19E-07	1.83E-06	2.77E-06	4.27E-06	3.35E-05	135
2.51E 00	2.53E 00	2.81E 01	3.16E 00	5.56E-06	1.10E-06	2.48E-06	3.93E-06	5.98E-06	4.11E-05	111
3.16E 00	3.17E 00	3.54E 00	3.98E 00	6.72E-06	1.32E-06	3.20E-06	4.97E-06	8.11E-06	7.34E-05	84
3.98E 00	4.01E 00	4.47E 00	4.99E 00	1.68E-05	1.89E-06	5.72E-06	7.78E-06	1.39E-05	8.69E-05	79
5.01E 00	5.02E 00	5.64E 00	6.30E 00	1.33E-05	2.57E-06	6.03E-06	8.79E-06	1.72E-05	9.49E-05	51
6.31E 00	6.34E 00	7.02E 00	7.94E 00	2.06E-05	3.93E-06	8.55E-06	1.62E-05	2.59E-05	9.24E-05	25
7.94E 00	7.55E 00	8.88E 00	9.95E 00	2.45E-05	6.31E-06	1.13E-05	2.46E-05	3.65E-05	9.66E-05	25
1.00E 01	1.02E 01	1.14E 01	1.29E 01	2.88E-05	9.03E-06	1.90E-05	2.80E-05	3.54E-05	7.59E-05	4
1.26E 01	1.28E 01	1.44E 01	1.58E 01	3.65E-05	1.01E-05	2.24E-05	3.22E-05	3.87E-05	2.38E-05	2
1.58E 01	1.83E 01	1.90E 01	1.98E 01	1.72E-05	1.37E-05				1.03E-05	3
2.00E 01	2.14E 01	2.31E 01	2.41E 01	1.05E-04	5.74E-05				5.32E-05	1
2.51E 01	2.60E 01	2.60E 01	2.60E 01	5.32E-05	5.32E-05					

TOTAL N: 1763

TABLE 42. OREGON REFLECTIVITY FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
3.16E-01	3.79E-01	3.84E-01	3.89E-01	1.06E-05	9.79E-06				1.14E-05	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	1.14E-05	4.46E-06	6.00E-06	1.21E-05	1.99E-05	1.81E-05	6
5.01E-01	5.62E-01	5.67E-01	6.28E-01	1.19E-05	2.92E-06	7.52E-06	1.15E-05	1.49E-05	2.80E-05	138
6.31E-01	6.32E-01	7.05E-01	7.93E-01	1.63E-05	3.78E-06	1.15E-05	1.69E-05	2.13E-05	3.47E-05	171
7.94E-01	7.95E-01	8.98E-01	1.00E 00	2.09E-05	5.59E-06	1.49E-05	1.99E-05	2.61E-05	3.87E-05	196
1.00E 00	1.01E 00	1.13E 00	1.25E 00	2.95E-05	7.80E-06	2.25E-05	2.92E-05	3.64E-05	5.42E-05	184
1.26E 00	1.26E 00	1.41E 00	1.58E 00	3.79E-05	8.40E-06	2.73E-05	3.80E-05	4.79E-05	7.31E-05	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	5.50E-05	1.46E-05	4.52E-05	5.55E-05	6.97E-05	9.18E-05	171
2.00E 00	2.00E 00	2.28E 00	2.51E 00	7.07E-05	1.94E-05	5.67E-05	7.09E-05	8.99E-05	1.19E-04	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	8.93E-05	3.19E-05	7.10E-05	8.96E-05	1.09E-04	1.45E-04	134
3.16E 00	3.17E 00	3.54E 00	3.98E 00	1.16E-04	2.67E-05	9.43E-05	1.20E-04	1.38E-04	2.13E-04	117
3.98E 00	4.01E 00	4.45E 00	4.99E 00	1.52E-04	3.81E-05	1.32E-04	1.58E-04	1.76E-04	2.49E-04	89
5.01E 00	5.03E 00	5.64E 00	6.30E 00	1.91E-04	5.95E-05	1.56E-04	1.93E-04	2.29E-04	2.78E-04	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	2.44E-04	1.24E-04	2.14E-04	2.45E-04	2.76E-04	3.44E-04	51
7.94E 00	7.95E 00	8.66E 00	9.95E 00	3.09E-04	1.88E-04	2.68E-04	3.15E-04	3.47E-04	4.47E-04	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	4.15E-04	1.95E-04	3.54E-04	4.32E-04	4.61E-04	5.64E-04	25
1.26E 01	1.28E 01	1.44E 01	1.56E 01	4.67E-04	3.00E-04	3.53E-04	4.54E-04	5.78E-04	6.01E-04	6
1.58E 01	1.83E 01	1.90E 01	1.98E 01	5.11E-04	4.44E-04				5.74E-04	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	8.88E-04	8.43E-04				9.45E-04	3
2.51E 01	2.60E 01	2.60E 01	2.60E 01	1.07E-03	1.07E-03				1.07E-03	1

TOTAL N: 1705

TABLE 43. OREGON REFLECTIVITY FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
3.16E-01	3.79E-01	3.84E-01	3.89E-01	3.19E-05	2.87E-05				3.52E-05	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	3.89E-05	2.74E-05	3.25E-05	3.86E-05	4.68E-05	4.92E-05	6
5.01E-01	5.02E-01	5.67E-01	6.28E-01	5.35E-05	1.52E-05	4.55E-05	5.48E-05	6.27E-05	7.86E-05	136
6.31E-01	6.32E-01	7.05E-01	7.93E-01	6.25E-05	1.63E-05	5.18E-05	6.42E-05	7.50E-05	9.69E-05	171
7.94E-01	7.95E-01	8.98E-01	1.00E 00	8.06E-05	2.61E-05	6.71E-05	8.36E-05	9.57E-05	1.30E-04	196
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.38E-05	1.40E-05	7.46E-05	9.54E-05	1.17E-04	1.56E-04	184
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.13E-04	2.27E-05	7.82E-05	1.16E-04	1.42E-04	2.30E-04	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.17E-04	9.68E-06	8.23E-05	1.16E-04	1.59E-04	2.65E-04	171
2.00E 00	2.00E 00	2.28E 00	2.51E 00	1.52E-04	2.36E-05	1.10E-04	1.50E-04	1.94E-04	2.93E-04	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	1.74E-04	3.13E-05	1.10E-04	1.69E-04	2.29E-04	3.70E-04	135
3.16E 00	3.17E 00	3.54E 00	3.98E 00	2.11E-04	2.55E-05	1.44E-04	2.01E-04	2.79E-04	4.59E-04	117
3.98E 00	4.01E 00	4.45E 00	4.99E 00	2.33E-04	3.58E-05	1.45E-04	2.24E-04	3.20E-04	5.10E-04	89
5.01E 00	5.03E 00	5.64E 00	6.30E 00	2.99E-04	5.30E-05	1.97E-04	2.83E-04	4.00E-04	6.52E-04	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	3.24E-04	1.31E-04	2.04E-04	2.87E-04	4.19E-04	7.93E-04	51
7.94E 00	7.95E 00	8.66E 00	9.95E 00	3.92E-04	1.94E-04	2.39E-04	3.11E-04	4.63E-04	8.54E-04	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	5.19E-04	2.27E-04	3.19E-04	4.23E-04	6.68E-04	1.17E-03	25
1.26E 01	1.28E 01	1.44E 01	1.56E 01	6.04E-04	4.01E-04	5.93E-04	6.86E-04	1.04E-03	1.38E-03	6
1.58E 01	1.83E 01	1.90E 01	1.98E 01	1.56E-03	1.24E-03				1.89E-03	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	4.31E-04	4.11E-04				4.69E-04	3
2.51E 01	2.60E 01	2.60E 01	2.60E 01	9.73E-04	9.73E-04				9.73E-04	1

TOTAL N: 1705

TABLE [illegible]. OREGON ATTENUATION FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.16E-01	3.75E-01	3.84E-01	3.89E-01	1.53E-04	1.50E-04				1.56E-04	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	2.14E-04	1.95E-04	1.95E-04	2.00E-04	2.26E-04	2.77E-04	8
5.71E-01	5.92E-01	5.67E-01	6.29E-01	2.48E-04	1.99E-04	2.29E-04	2.44E-04	2.55E-04	3.43E-04	130
6.31E-01	6.32E-01	7.95E-01	7.93E-01	3.05E-04	2.46E-04	2.79E-04	3.00E-04	3.21E-04	4.66E-04	171
7.94E-01	7.59E-01	8.98E-01	1.00E 00	3.85E-04	3.04E-04	3.58E-04	3.83E-04	4.05E-04	4.80E-04	136
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.74E-04	3.83E-04	4.43E-04	4.67E-04	4.97E-04	7.19E-04	186
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.86E-04	4.98E-04	5.50E-04	5.79E-04	6.14E-04	9.37E-04	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.26E-04	6.06E-04	6.79E-04	7.21E-04	7.69E-04	9.64E-04	171
2.00E 00	2.00E 00	2.24E 00	2.51E 00	9.29E-04	7.74E-04	8.77E-04	9.32E-04	9.79E-04	1.15E-03	128
2.51E 00	2.53E 00	2.81E 00	3.16E 00	1.15E-03	9.74E-04	1.07E-03	1.14E-03	1.21E-03	1.67E-03	135
3.16E 00	3.17E 00	3.54E 00	3.98E 00	1.44E-03	1.22E-03	1.33E-03	1.41E-03	1.50E-03	1.93E-03	115
3.98E 00	4.01E 00	4.46E 00	4.99E 00	1.84E-03	1.53E-03	1.67E-03	1.78E-03	1.90E-03	3.99E-03	85
5.01E 00	5.03E 00	5.64E 00	6.32E 00	2.28E-03	1.95E-03	2.13E-03	2.27E-03	2.41E-03	3.13E-03	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	2.87E-03	2.43E-03	2.61E-03	2.80E-03	3.00E-03	4.25E-03	41
7.94E 00	7.65E 00	8.66E 00	9.75E 00	3.54E-03	3.08E-03	3.26E-03	3.42E-03	3.67E-03	4.16E-03	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	4.53E-03	3.97E-03	4.33E-03	4.51E-03	4.67E-03	4.97E-03	25
1.26E 01	1.24E 01	1.44E 01	1.58E 01	6.04E-03	5.24E-03	5.79E-03	6.03E-03	6.10E-03	7.26E-03	8
1.58E 01	1.83E 01	1.97E 01	1.98E 01	7.82E-03	7.96E-03				8.28E-03	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	9.35E-03	8.61E-03				9.96E-03	3
2.51E 01	2.60E 01	2.63E 01	2.63E 01	1.01E-02	1.01E-02				1.01E-02	1

TOTAL N: 1703

TABLE [illegible]. OREGON ATTENUATION FOR 4.7 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.16E-01	2.39E-01	3.84E-01	3.89E-01	1.66E-03	1.65E-03				1.69E-03	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	2.17E-03	1.75E-03	2.02E-03	2.21E-03	2.34E-03	2.92E-03	8
5.01E-01	5.02E-01	5.67E-01	6.29E-01	2.44E-03	2.01E-03	2.26E-03	2.40E-03	2.54E-03	3.60E-03	130
6.31E-01	6.32E-01	7.95E-01	7.93E-01	3.12E-03	2.58E-03	2.85E-03	3.07E-03	3.22E-03	5.32E-03	171
7.94E-01	7.59E-01	8.98E-01	1.00E 00	4.00E-03	3.19E-03	3.62E-03	3.85E-03	4.16E-03	9.92E-03	136
1.00E 00	1.01E 00	1.13E 00	1.25E 00	5.19E-03	4.09E-03	4.69E-03	4.98E-03	5.49E-03	1.66E-02	186
1.26E 00	1.26E 00	1.41E 00	1.58E 00	6.64E-03	5.65E-03	5.74E-03	6.34E-03	6.37E-03	1.79E-02	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	8.50E-03	6.61E-03	7.66E-03	8.46E-03	9.76E-03	3.13E-02	171
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.18E-02	8.25E-03	9.78E-03	1.09E-02	1.24E-02	5.96E-02	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	1.66E-02	1.03E-02	1.23E-02	1.42E-02	1.66E-02	7.41E-02	135
3.16E 00	3.17E 00	3.54E 00	3.98E 00	2.02E-02	1.33E-02	1.58E-02	1.81E-02	2.15E-02	7.94E-02	115
3.98E 00	4.01E 00	4.49E 00	4.99E 00	2.81E-02	1.70E-02	2.10E-02	2.36E-02	3.14E-02	1.23E-01	85
5.01E 00	5.03E 00	5.64E 00	6.32E 00	3.59E-02	2.07E-02	2.60E-02	3.02E-02	3.76E-02	1.23E-01	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	5.09E-02	2.82E-02	3.30E-02	4.34E-02	5.63E-02	1.33E-01	41
7.94E 00	7.65E 00	8.66E 00	9.75E 00	6.95E-02	3.58E-02	4.19E-02	5.67E-02	7.21E-02	1.23E-01	25
1.00E 01	1.02E 01	1.14E 01	1.25E 01	7.25E-02	4.57E-02	6.27E-02	7.27E-02	8.22E-02	1.97E-01	25
1.26E 01	1.28E 01	1.44E 01	1.58E 01	9.50E-02	6.13E-02	7.60E-02	8.97E-02	1.24E-01	1.97E-01	8
1.58E 01	1.83E 01	1.90E 01	1.98E 01	8.49E-02	8.35E-02				8.64E-02	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	2.00E-01	1.47E-01				2.49E-01	3
2.51E 01	2.60E 01	2.63E 01	2.63E 01	1.49E-01	1.49E-01				1.49E-01	1

TOTAL N: 1703

TABLE 46. OREGON ATTENUATION FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.16E-01	3.79E-01	3.84E-01	3.89E-01	3.25E-03	3.16E-03				3.37E-03	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	4.14E-03	3.16E-03	3.75E-03	4.11E-03	4.77E-03	4.96E-03	6
5.01E-01	5.02E-01	5.67E-01	6.28E-01	4.60E-03	3.61E-03	4.19E-03	4.44E-03	4.80E-03	7.78E-03	199
6.31E-01	6.32E-01	7.05E-01	7.93E-01	5.08E-03	4.56E-03	5.37E-03	5.77E-03	6.24E-03	1.11E-02	171
7.94E-01	7.55E-01	8.98E-01	1.00E 00	7.72E-03	5.66E-03	6.68E-03	7.26E-03	8.13E-03	2.36E-02	196
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.02E-02	7.28E-03	8.80E-03	9.53E-03	1.07E-02	3.17E-02	189
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.32E-02	9.08E-03	1.09E-02	1.23E-02	1.44E-02	3.73E-02	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.94E-02	1.21E-02	1.49E-02	1.70E-02	2.00E-02	6.26E-02	171
2.00E 00	2.00E 00	2.28E 00	2.51E 00	2.40E-02	1.91E-02	1.80E+02	2.21E-02	2.74E-02	5.79E-02	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	3.33E-02	1.05E-02	2.41E-02	2.90E-02	3.67E-02	9.25E-02	135
3.16E 00	3.17E 00	3.54E 00	3.98E 00	4.16E-02	2.49E-02	3.07E-02	3.71E-02	4.61E-02	1.15E-01	119
3.98E 00	4.01E 00	4.45E 00	[illegible] 00	5.87E-02	3.13E-02	4.27E-02	5.01E-02	6.99E-02	1.64E-01	88
5.01E 00	5.03E 00	5.64E 00	[illegible] 00	7.32E-02	3.58E-02	5.12E-02	6.32E-02	8.69E-02	1.75E-01	79
6.31E 00	6.34E 00	7.02E 00	[illegible] 00	1.01E-01	5.30E-02	6.77E-02	8.47E-02	1.26E-01	4.96E-01	51
7.94E 00	7.95E 00	8.86E 00	[illegible] 00	1.23E-01	6.01E-02	8.68E-02	1.29E-01	1.59E-01	1.87E-01	29
1.00E 01	1.02E 01	1.14E 01	[illegible] 01	1.57E-01	8.79E-02	1.30E-01	1.57E-01	1.78E-01	2.63E-01	29
1.26E 01	1.28E 01	1.44E 01	1.58E 01	1.88E-01	1.16E-01	1.58E-01	1.93E-01	2.01E-01	2.84E-01	4
1.58E 01	1.83E 01	1.90E 01	1.99E 01	2.66E-01	1.59E-01				1.76E-01	2
2.00E 01	2.14E 01	2.31E 01	2.51E 01	4.59E-01	3.22E-01				5.63E-01	3
2.51E 01	2.60E 01	2.60E 01	2.60E 01	3.22E-01	3.22E-01				3.22E-01	1

TOTAL NS 1703

TABLE 47. OREGON ATTENUATION FOR 1.67 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.16E-01	3.79E-01	3.84E-01	3.89E-01	1.58E-02	1.53E-02				1.64E-02	2
3.98E-01	4.31E-01	4.81E-01	5.01E-01	1.93E-02	1.36E-02	1.46E-02	1.95E-02	2.34E-02	2.59E-02	6
5.01E-01	5.02E-01	5.67E-01	6.28E-01	2.11E-02	1.47E-02	1.77E-02	2.03E-02	2.28E-02	3.83E-02	199
6.31E-01	6.32E-01	7.05E-01	7.93E-01	2.76E-02	1.81E-02	2.36E-02	2.68E-02	3.10E-02	4.93E-02	171
7.94E-01	7.55E-01	8.98E-01	1.00E 00	3.53E-02	2.29E-02	3.00E-02	3.37E-02	3.96E-02	5.73E-02	196
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.74E-02	3.03E-02	4.01E-02	4.61E-02	5.35E-02	7.84E-02	189
1.26E 00	1.26E 00	1.41E 00	1.58E 00	6.06E-02	3.66E-02	5.02E-02	5.88E-02	6.97E-02	1.01E-01	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	8.52E-02	4.81E-02	7.21E-02	8.26E-02	9.57E-02	1.32E-01	171
2.00E 00	2.00E 00	2.28E 00	2.51E 00	1.08E-01	6.31E-02	8.97E-02	1.07E-01	1.25E-01	1.80E-01	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	1.41E-01	7.81E-02	1.16E-01	1.39E-01	1.61E-01	2.29E-01	135
3.16E 00	3.17E 00	3.54E 00	3.98E 00	1.79E-01	1.11E-01	1.50E-01	1.76E-01	2.37E-01	2.95E-01	119
3.98E 00	4.01E 00	4.45E 00	4.99E 00	2.39E-01	1.33E-01	2.07E-01	2.30E-01	2.68E-01	3.41E-01	88
5.01E 00	5.03E 00	5.64E 00	6.32E 00	3.00E-01	1.50E-01	2.50E-01	3.20E-01	3.40E-01	4.32E-01	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	3.94E-01	2.40E-01	3.36E-01	3.93E-01	4.48E-01	5.51E-01	51
7.94E 00	7.95E 00	8.86E 00	9.95E 00	4.88E-01	3.20E-01	4.16E-01	4.85E-01	5.34E-01	6.15E-01	29
1.00E 01	1.02E 01	1.14E 01	1.25E 01	6.36E-01	3.76E-01	5.81E-01	6.57E-01	7.79E-01	8.24E-01	29
1.26E 01	1.28E 01	1.44E 01	1.58E 01	7.58E-01	5.44E-01	6.64E-01	7.96E-01	8.40E-01	8.80E-01	8
1.58E 01	1.83E 01	1.90E 01	1.98E 01	7.96E-01	7.49E-01				8.40E-01	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	1.53E 00	1.39E 00				1.66E 00	3
2.51E 01	2.60E 01	2.60E 01	2.60E 01	1.51E 00	1.51E 00				1.51E 00	1

TOTAL NS 1703

TABLE .. OREGON ATTENUATION FOR 3.46 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.18E-01	3.95E-01	3.84E-01	3.89E-01	1.40E-01	1.00E-01				1.31E-01	2
3.98E-01	4.31E-01	4.01E-01	5.31E-01	1.16E-01	9.39E-02	9.61E-02	1.19E-01	1.33E-01	1.37E-01	9
5.31E-01	5.02E-01	5.67E-01	6.28E-01	1.34E-01	9.13E-02	1.23E-01	1.33E-01	1.46E-01	1.79E-01	138
6.31E-01	6.32E-01	7.05E-01	7.43E-01	1.70E-01	1.20E-01	1.58E-01	1.70E-01	1.83E-01	2.17E-01	171
7.94E-01	7.95E-01	8.96E-01	1.30E 00	2.18E-01	1.53E-01	1.99E-01	2.17E-01	2.37E-01	2.71E-01	146
1.00E 00	1.01E 00	1.13E 00	1.25E 00	2.83E-01	2.06E-01	2.62E-01	2.82E-01	3.05E-01	3.41E-01	169
1.26E 00	1.26E 00	1.41E 00	1.98E 00	3.54E-01	2.51E-01	3.29E-01	3.59E-01	3.84E-01	4.58E-01	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	4.60E-01	3.25E-01	4.27E-01	4.62E-01	4.98E-01	5.70E-01	171
2.00E 00	2.00E 00	2.24E 00	2.51E 00	5.90E-01	3.68E-01	5.50E-01	5.89E-01	6.31E-01	7.17E-01	129
2.51E 00	2.53E 00	2.81E 00	3.15E 00	7.28E-01	4.65E-01	6.78E-01	7.20E-01	8.32E-01	9.31E-01	155
3.18E 00	3.17E 00	3.54E 00	3.98E 00	9.29E-01	5.64E-01	8.66E-01	9.25E-01	9.85E-01	1.19E 00	117
3.98E 00	4.01E 00	4.45E 00	4.99E 00	1.16E 00	3.98E-01	1.11E 00	1.18E 00	1.24E 00	1.41E 00	99
5.01E 00	5.03E 00	5.64E 00	6.30E 00	1.48E 00	9.57E-01	1.37E 00	1.48E 00	1.60E 00	1.79E 00	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	1.84E 00	1.53E 00	1.67E 00	1.82E 00	1.99E 00	2.26E 00	51
7.94E 00	7.55E 00	8.86E 00	9.95E 00	2.29E 00	1.90E 00	2.12E 00	2.26E 00	2.42E 00	2.42E 00	21
1.00E 01	1.02E 01	1.14E 01	1.25E 01	3.33E 00	2.39E 00	2.85E 00	3.00E 00	3.24E 00	3.54E 00	25
1.26E 01	1.28E 01	1.44E 01	1.58E 01	3.72E 00	2.81E 00	3.60F 00	3.64F 00	4.22F 00	4.39E 00	8
1.58E 01	1.63E 01	1.90E 01	1.99E 01	4.85E 00	4.83E 00				4.87E 00	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	5.93E 00	5.40E 00				6.46E 00	3
2.51E 01	2.60E 01	2.60E 01	2.63E 01	7.27E 00	7.27E 00				7.27E 00	1

TOTAL N: 1703

TABLE .. ...GON ATTENUATION FOR 3.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.16E-01	2.79E-01	3.44E-01	3.89E-01	2.73E-01	2.58E-01				2.94E-01	2
3.98E-01	4.31E-01	4.01E-01	5.01E-01	3.62E-01	2.94E-01	3.22E-01	3.55E-01	3.94E-01	4.53E-01	9
5.01E-01	5.02E-01	5.67E-01	6.24E-01	4.58E-01	2.76E-01	4.06E-01	4.58E-01	5.12E-01	6.08E-01	138
6.31E-01	6.32E-01	7.05E-01	7.93E-01	5.46E-01	2.98E-01	4.80E-01	5.48E-01	6.17E-01	7.51E-01	171
7.94E-01	7.95E-01	8.96E-01	1.30E 00	6.94E-01	3.68E-01	6.16E-01	7.06E-01	7.87E-01	9.54E-01	146
1.00E 00	1.01E 00	1.13E 00	1.25E 00	8.28E-01	3.70E-01	7.12E-01	8.21E-01	9.36E-01	1.21E 00	168
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.01E 00	4.61E-01	8.37E-01	1.01E 00	1.16E 00	1.56E 00	175
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.13E 00	3.35E-01	9.61E-01	1.11E 00	1.30E 00	1.90E 00	171
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.46E 00	4.24E-01	1.25E 00	1.46E 00	1.67E 00	2.35E 00	129
2.51E 00	2.53E 00	2.81E 00	3.16E 00	1.70E 00	6.61E-01	1.39E 00	1.70E 00	1.98E 00	2.93E 00	155
3.16E 00	3.17E 00	3.54E 00	3.98E 00	2.11E 00	8.85E-01	1.76E 00	2.06E 00	2.44E 00	3.43E 00	110
3.98E 00	4.01E 00	4.45E 00	4.99E 00	2.66E 00	4.87E-01	1.96E 00	2.35E 00	2.87E 00	4.11E 00	85
5.01E 00	5.03E 00	5.64E 00	6.30E 00	3.12E 00	1.06E 00	2.53E 00	3.00E 00	3.71E 00	5.26E 00	79
6.31E 00	6.34E 00	7.02E 00	7.94E 00	3.59E 00	2.16E 00	2.94E 00	3.47E 00	4.15E 00	6.11E 00	51
7.94E 00	7.55E 00	8.86E 00	9.95E 00	4.38E 00	2.84E 00	3.69E 00	4.13E 00	4.79E 00	6.43E 00	27
1.00E 01	1.02E 01	1.14E 01	1.25E 01	5.83E 00	3.85E 00	4.85E 00	5.29E 00	6.72E 00	9.22E 00	25
1.26E 01	1.28E 01	1.44E 01	1.58E 01	6.23E 00	6.25E 00	6.52E 00	7.96E 00	9.55E 00	1.15E 01	8
1.58E 01	1.63E 01	1.90E 01	1.98E 01	1.37E 01	1.19E 01				1.54E 01	2
2.00E 01	2.14E 01	2.31E 01	2.41E 01	8.59E 00	6.37E 00				1.13E 01	3
2.51E 01	2.60E 01	2.60E 01	2.63E 01	1.28E 01	1.28E 01				1.24E 01	1

TOTAL N: 1703

TABLE 5C. OREGON RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (1/M)	MIN ETA (1/M)	MEAN ETA (1/M)	MAX ETA (1/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.26E-10	1.23E-10	1.23E-10	1.23E-10	5.41E-01	5.41E-01				5.41E-01	1
1.58E-10	1.55E-10	1.40E-10	1.96E-10	6.49E-01	5.85E-01				7.94E-01	2
2.00E-10	2.05E-10	2.29E-10	2.45E-10	5.68E-01	5.00E-01	5.09E-01	5.60E-01	6.07E-01	6.63E-01	15
2.51E-10	2.46E-10	2.82E-10	3.15E-10	5.99E-01	4.31E-01	5.42E-01	5.90E-01	6.38E-01	8.46E-01	29
3.16E-10	3.17E-10	3.63E-10	3.98E-10	6.41E-01	3.89E-01	5.64E-01	6.52E-01	7.35E-01	1.12E 00	45
3.98E-10	3.66E-10	4.53E-10	5.00E-10	6.89E-01	3.79E-01	5.49E-01	6.70E-01	7.96E-01	1.55E 00	78
5.01E-10	5.02E-10	5.72E-10	6.30E-10	7.60E-01	5.02E-01	6.10E-01	6.89E-01	8.80E-01	1.58E 00	121
6.31E-10	6.31E-10	7.07E-10	7.93E-10	9.24E-01	6.95E-01	7.41E-01	8.82E-01	1.07E 00	1.82E 00	126
7.94E-10	7.58E-10	8.98E-10	1.00E-09	9.64E-01	5.76E-01	7.73E-01	9.55E-01	1.12E 00	2.29E 00	132
1.00E-09	1.01E-09	1.13E-09	1.25E-09	1.14E 00	5.89E-01	9.36E-01	1.10E 00	1.33E 00	2.42E 00	126
1.26E-09	1.26E-09	1.41E-09	1.58E-09	1.35E 00	6.57E-01	1.10E 00	1.27E 00	1.52E 00	2.90E 00	119
1.58E-09	1.59E-09	1.80E-09	1.99E-09	1.60E 00	7.63E-01	1.26E 00	1.51E 00	1.77E 00	3.42E 00	112
2.00E-09	2.00E-09	2.23E-09	2.50E-09	1.85E 00	8.90E-01	1.46E 00	1.78E 00	2.12E 00	4.34E 00	103
2.51E-09	2.52E-09	2.82E-09	3.16E-09	2.22E 00	1.10E 00	1.76E 00	2.16E 00	2.64E 00	5.34E 00	116
3.16E-09	3.17E-09	3.53E-09	3.98E-09	2.50E 00	8.89E-01	1.92E 00	2.43E 00	2.93E 00	6.34E 00	96
3.98E-09	3.99E-09	4.53E-09	5.00E-09	3.08E 00	1.60E 00	2.44E 00	2.97E 00	3.48E 00	8.95E 00	82
5.01E-09	5.02E-09	5.63E-09	6.29E-09	3.60E 00	1.16E 00	2.69E 00	3.50E 00	4.36E 00	7.93E 00	81
6.31E-09	6.33E-09	7.18E-09	7.94E-09	4.09E 00	1.36E 00	3.08E 00	3.89E 00	5.03E 00	8.49E 00	75
7.94E-09	7.97E-09	9.00E-09	9.91E-09	5.04E 00	1.84E 00	3.63E 00	4.74E 00	6.37E 00	1.03E 01	56
1.00E-08	1.00E-08	1.11E-08	1.25E-08	5.25E 00	1.68E 00	4.25E 00	4.92E 00	6.22E 00	1.27E 01	46
1.26E-08	1.26E-08	1.41E-08	1.58E-08	5.91E 00	2.06E 00	4.27E 00	5.26E 00	7.12E 00	1.49E 01	36
1.58E-08	1.59E-08	1.76E-08	1.97E-08	7.48E 00	2.98E 00	5.36E 00	6.37E 00	8.23E 00	1.98E 01	28
2.00E-08	2.00E-08	2.19E-08	2.51E-08	8.10E 00	2.62E 00	5.86E 00	7.56E 00	1.02E 01	1.93E 01	21
2.51E-08	2.54E-08	2.84E-08	3.10E-08	9.74E 00	2.71E 00	6.92E 00	9.99E 00	1.23E 01	1.66E 01	23
3.16E-08	3.19E-08	3.43E-08	3.96E-08	9.60E 00	6.17E 00	7.95E 00	9.41E 00	1.15E 01	1.28E 01	9
3.98E-08	4.07E-08	4.44E-08	4.96E-08	8.15E 00	6.92E 00	7.05E 00	7.40E 00	9.26E 00	1.09E 01	6
5.01E-08	5.08E-08	5.38E-08	6.06E-08	1.43E 01	5.28E 00	7.08E 00	8.47E 00	2.44E 01	2.63E 01	5
6.31E-08										
7.94E-08	8.23E-08	8.99E-08	9.78E-08	1.95E 01	1.33E 01				2.43E 01	3
1.00E-07	1.23E-07	1.23E-07	1.23E-07	4.22E 00	4.22E 00				4.22E 00	1

TOTAL N: 1771

TABLE 5C. OREGON RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (1/M)	MIN ETA (1/M)	MEAN ETA (1/M)	MAX ETA (1/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
5.01E-09	5.14E-09	5.14E-09	5.14E-09	5.41E-01	5.41E-01				5.41E-01	1
6.31E-09	7.08E-09	7.47E-09	7.80E-09	6.00E-01	5.00E-01				7.34E-01	4
7.94E-09	8.12E-09	9.28E-09	1.00E-08	5.69E-01	4.31E-01	5.15E-01	5.61E-01	6.00E-01	7.34E-01	35
1.00E-08	1.01E-08	1.13E-08	1.25E-08	6.05E-01	5.05E-01	5.52E-01	5.90E-01	6.38E-01	8.46E-01	24
1.26E-08	1.26E-08	1.44E-08	1.58E-08	6.54E-01	3.79E-01	5.61E-01	6.44E-01	7.35E-01	1.12E 00	51
1.58E-08	1.59E-08	1.79E-08	1.98E-08	7.03E-01	4.74E-01	5.68E-01	6.77E-01	7.96E-01	1.53E 00	84
2.00E-08	2.00E-08	2.29E-08	2.51E-08	8.02E-01	5.01E-01	6.03E-01	7.69E-01	9.13E-01	1.58E 00	131
2.51E-08	2.52E-08	2.80E-08	3.16E-08	9.12E-01	4.95E-01	7.18E-01	8.57E-01	1.02E 00	1.42E 00	127
3.16E-08	3.17E-08	3.54E-08	3.98E-08	1.04E 00	5.76E-01	8.32E-01	1.02E 00	1.16E 00	2.25E 00	134
3.98E-08	4.01E-08	4.49E-08	4.99E-08	1.17E 00	6.11E-01	9.32E-01	1.15E 00	1.36E 00	2.42E 00	124
5.01E-08	5.02E-08	5.65E-08	6.30E-08	1.44E 00	7.49E-01	1.13E 00	1.35E 00	1.60E 00	2.93E 00	107
6.31E-08	6.34E-08	7.10E-08	7.94E-08	1.68E 00	7.63E-01	1.34E 00	1.60E 00	1.91E 00	3.42E 00	114
7.94E-08	7.55E-08	8.92E-08	9.93E-08	1.97E 00	1.06E 00	1.49E 00	1.83E 00	2.29E 00	4.33E 00	106
1.00E-07	1.00E-07	1.12E-07	1.25E-07	2.34E 00	8.89E-01	1.85E 00	2.26E 00	2.64E 00	5.34E 00	119
1.26E-07	1.26E-07	1.42E-07	1.58E-07	2.65E 00	1.14E 00	2.23E 00	2.56E 00	3.03E 00	6.11E 00	85
1.58E-07	1.59E-07	1.78E-07	1.99E-07	3.32E 00	1.16E 00	2.58E 00	3.11E 00	3.73E 00	7.93E 00	49
2.00E-07	2.00E-07	2.24E-07	2.51E-07	3.84E 00	1.36E 00	3.05E 00	3.65E 00	4.75E 00	8.93E 00	73
2.51E-07	2.52E-07	2.79E-07	3.16E-07	4.41E 00	1.84E 00	3.39E 00	4.16E 00	5.49E 00	8.49E 00	64
3.16E-07	3.18E-07	3.58E-07	3.97E-07	5.26E 00	1.68E 00	3.98E 00	5.21E 00	6.31E 00	1.03E 01	61
3.98E-07	4.03E-07	4.49E-07	4.95E-07	6.19E 00	1.81E 00	4.76E 00	5.93E 00	6.73E 00	1.44E 01	33
5.01E-07	5.07E-07	5.64E-07	6.27E-07	6.06E 00	2.06E 00	4.44E 00	5.78E 00	7.41E 00	1.47E 01	35
6.31E-07	6.45E-07	7.10E-07	7.86E-07	6.22E 00	3.83E 00	6.16E 00	7.59E 00	9.84E 00	1.94E 01	31
7.94E-07	8.49E-07	9.15E-07	9.84E-07	9.59E 00	3.21E 00	7.09E 00	1.02E 01	1.18E 01	1.83E 01	14
1.00E-06	1.01E-06	1.07E-06	1.17E-06	8.84E 00	2.62E 00	6.87E 00	1.04E 01	1.28E 01	1.56E 01	14
1.26E-06	1.26E-06	1.33E-06	1.39E-06	1.13E 01	1.07E 01				1.22E 01	3
1.58E-06	1.78E-06	1.80E-06	1.83E-06	1.61E 01	6.17E 00	7.09E 00	1.61E 01	2.59E 01	2.65E 01	4
2.00E-06	2.07E-06	2.10E-06	2.13E-06	4.16E 00	2.71E 00				7.61E 00	2
2.51E-06	2.15E-06	2.84E-06	2.94E-06	1.18E 01	6.92E 00				2.14E 01	3
3.16E-06	3.32E-06	3.44E-06	3.56E-06	1.62E 01	9.47E 00				2.49E 01	2
3.98E-06	4.03E-06	4.03E-06	4.03E-06	5.28E 00	5.28E 00				5.28E 00	1
5.01E-06	5.12E-06	5.12E-06	5.12E-06	7.66E 00	7.66E 00				7.66E 00	1
6.31E-06	7.23E-06	7.23E-06	7.23E-06	1.33E 01	1.33E 01				1.33E 01	1
7.94E-06										
1.00E-05										
1.26E-05	1.37E-05	1.37E-05	1.37E-05	4.22E 00	4.22E 00				4.22E 00	1

TOTAL N: 1771

TABLE 52, OREGON RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-08	1.24E-08	1.24E-08	1.24E-08	5.41E-01	5.41E-01				5.41E-01	1
1.26E-08										
1.58E-08	1.71E-08	1.84E-08	1.95E-08	5.89E-01	5.00E-01	5.27E-01	5.60E-01	6.50E-01	7.34E-01	6
2.00E-08	2.01E-08	2.31E-08	2.51E-08	5.75E-01	4.31E-01	5.25E-01	5.66E-01	6.05E-01	7.40E-01	19
2.51E-08	2.54E-08	2.83E-08	3.16E-08	6.27E-01	5.05E-01	5.66E-01	5.99E-01	6.42E-01	8.46E-01	31
3.16E-08	3.19E-08	3.60E-08	3.95E-08	6.54E-01	3.79E-01	5.48E-01	6.18E-01	7.35E-01	1.12E 00	58
3.98E-08	3.99E-08	4.50E-08	4.97E-08	7.13E-01	4.74E-01	5.70E-01	6.74E-01	7.96E-01	1.49E 00	98
5.01E-08	5.02E-08	5.68E-08	6.32E-08	8.22E-01	4.95E-01	6.83E-01	7.66E-01	9.37E-01	1.47E 00	141
6.31E-08	6.31E-08	7.14E-08	7.96E-08	9.42E-01	5.21E-01	7.38E-01	8.96E-01	1.11E 00	1.82E 00	123
7.94E-08	7.96E-08	8.96E-08	1.00E-07	1.07E 00	5.89E-01	8.81E-01	1.05E 00	1.19E 00	2.25E 00	137
1.00E-07	1.01E-07	1.12E-07	1.25E-07	1.22E 00	6.57E-01	1.00E 00	1.19E 00	1.38E 00	2.42E 00	123
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.47E 00	7.99E-01	1.16E 00	1.39E 00	1.69E 00	3.92E 00	119
1.58E-07	1.59E-07	1.78E-07	1.99E-07	1.70E 00	7.63E-01	1.39E 00	1.64E 00	1.96E 00	3.71E 00	120
2.00E-07	2.00E-07	2.26E-07	2.51E-07	2.12E 00	1.00E 00	1.68E 00	1.97E 00	2.44E 00	5.06E 00	110
2.51E-07	2.52E-07	2.81E-07	3.15E-07	2.43E 00	1.10E 00	1.90E 00	2.36E 00	2.76E 00	4.84E 00	104
3.16E-07	3.18E-07	3.57E-07	3.98E-07	2.76E 00	8.89E-01	2.30E 00	2.62E 00	3.03E 00	6.90E 00	84
3.98E-07	3.99E-07	4.46E-07	5.01E-07	3.17E 00	1.78E 00	2.59E 00	3.23E 00	3.73E 00	7.03E 00	92
5.01E-07	5.02E-07	5.61E-07	6.26E-07	3.91E 00	1.40E 00	3.07E 00	3.89E 00	4.83E 00	6.47E 00	69
6.31E-07	6.31E-07	7.00E-07	7.92E-07	4.60E 00	1.16E 00	3.59E 00	4.34E 00	5.81E 00	8.49E 00	65
7.94E-07	7.95E-07	8.91E-07	9.98E-07	5.21E 00	1.36E 00	3.86E 00	4.74E 00	6.35E 00	1.03E 01	52
1.00E-06	1.01E-06	1.13E-06	1.24E-06	6.18E 00	1.84E 00	4.85E 00	5.29E 00	6.68E 00	1.44E 01	33
1.26E-06	1.26E-06	1.41E-06	1.58E-06	6.46E 00	1.68E 00	4.30E 00	5.84E 00	7.76E 00	1.98E 01	33
1.58E-06	1.59E-06	1.80E-06	1.99E-06	7.25E 00	1.81E 00	5.78E 00	7.14E 00	9.34E 00	1.25E 01	26
2.00E-06	2.00E-06	2.24E-06	2.50E-06	8.24E 00	2.06E 00	4.56E 00	7.64E 00	1.16E 01	1.83E 01	26
2.51E-06	2.53E-06	2.83E-06	3.12E-06	1.03E 01	3.83E 00	7.42E 00	1.09E 01	1.26E 01	1.56E 01	15
3.16E-06	3.16E-06	3.56E-06	3.92E-06	7.48E 00	3.21E 00	5.60E 00	7.21E 00	9.94E 00	1.22E 01	12
3.98E-06	4.02E-06	4.23E-06	4.42E-06	1.23E 01	2.62E 00	3.54E 00	8.88E 00	2.41E 01	2.63E 01	6
5.01E-06	5.03E-06	5.60E-06	6.16E-06	5.63E 00	2.71E 00				8.02E 00	3
6.31E-06	7.40E-06	7.54E-06	7.68E-06	1.45E 01	7.61E 00				2.14E 01	2
7.94E-06	8.17E-06	9.13E-06	9.87E-06	1.16E 01	6.92E 00	7.05E 00	7.83E 00	1.62E 01	2.39E 01	4
1.00E-05	1.08E-05	1.14E-05	1.21E-05	6.47E 00	5.28E 00				7.66E 00	2
1.26E-05										
1.58E-05	1.75E-05	1.75E-05	1.75E-05	1.33E 01	1.33E 01				1.33E 01	1
2.00E-05										
2.51E-05	2.70E-05	2.70E-05	2.70E-05	4.22E 00	4.22E 00				4.22E 00	1

TOTAL N: 1703

TABLE [illegible] OREGON ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.26E-10	1.23E-10	1.53E-10	1.53E-10	3.43E-04	3.43E-04				3.43E-04	1
1.58E-10	1.65E-10	1.90E-10	1.90E-10	3.98E-04	3.30E-04				4.06E-04	2
2.00E-10	2.05E-10	2.23E-10	2.45E-10	3.04E-04	2.69E-04	2.73E-04	2.91E-04	3.42E-04	3.76E-04	17
2.51E-10	2.54E-10	2.82E-10	3.15E-10	2.97E-04	1.97E-04	2.62E-04	2.89E-04	3.13E-04	4.67E-04	29
3.16E-10	3.17E-10	3.63E-10	3.98E-10	3.13E-04	1.56E-04	2.57E-04	3.01E-04	3.55E-04	5.33E-04	43
3.98E-10	3.99E-10	4.53E-10	5.03E-10	3.15E-04	1.50E-04	2.32E-04	2.93E-04	3.67E-04	9.30E-04	74
5.01E-10	5.02E-10	5.72E-10	6.32E-10	3.35E-04	2.01E-04	2.49E-04	2.93E-04	3.95E-04	8.45E-04	121
6.31E-10	6.31E-10	7.07E-10	7.93E-10	4.06E-04	1.95E-04	3.06E-04	3.74E-04	4.72E-04	9.64E-04	125
7.94E-10	8.09E-10	8.99E-10	1.00E-09	4.06E-04	2.78E-04	3.10E-04	3.96E-04	4.84E-04	1.15E-03	132
1.00E-09	1.01E-09	1.13E-09	1.25E-09	4.78E-04	2.32E-04	3.89E-04	4.54E-04	5.59E-04	1.14E-03	126
1.26E-09	1.26E-09	1.41E-09	1.57E-09	5.60E-04	2.66E-04	4.40E-04	5.20E-04	6.38E-04	1.41E-03	117
1.58E-09	1.59E-09	1.79E-09	1.99E-09	6.61E-04	2.94E-04	4.98E-04	6.17E-04	7.38E-04	1.93E-03	112
2.00E-09	2.00E-09	2.23E-09	2.50E-09	7.55E-04	3.54E-04	5.73E-04	7.03E-04	8.74E-04	2.00E-03	103
2.51E-09	2.52E-09	2.82E-09	3.15E-09	9.03E-04	4.22E-04	6.90E-04	8.48E-04	1.09E-03	2.32E-03	116
3.16E-09	3.17E-09	3.53E-09	3.93E-09	1.01E-03	3.87E-04	7.39E-04	9.79E-04	1.19E-03	2.29E-03	95
3.98E-09	3.99E-09	4.53E-09	5.03E-09	1.24E-03	6.05E-04	9.86E-04	1.16E-03	1.34E-03	2.74E-03	92
5.01E-09	5.04E-09	5.63E-09	6.23E-09	1.44E-03	5.10E-04	1.04E-03	1.43E-03	1.73E-03	3.32E-03	61
6.31E-09	6.33E-09	7.10E-09	7.94E-09	1.62E-03	8.07E-04	1.21E-03	1.53E-03	1.97E-03	3.53E-03	75
7.94E-09	7.97E-09	9.00E-09	9.71E-09	2.00E-03	1.93E-04	1.45E-03	1.91E-03	2.43E-03	4.51E-03	54
1.00E-08	1.00E-08	1.11E-08	1.25E-08	2.68E-03	7.85E-04	1.66E-03	1.96E-03	2.43E-03	4.97E-03	46
1.26E-08	1.26E-08	1.41E-08	1.58E-08	2.38E-03	1.07E-03	1.73E-03	2.07E-03	2.77E-03	6.12E-03	36
1.58E-08	1.58E-08	1.76E-08	1.97E-08	3.01E-03	1.35E-03	2.14E-03	2.52E-03	3.17E-03	8.28E-03	28
2.00E-08	2.00E-08	2.19E-08	2.51E-08	3.27E-03	1.40E-03	2.47E-03	3.01E-03	3.97E-03	7.36E-03	30
2.51E-08	2.54E-08	2.84E-08	3.13E-08	3.94E-03	1.67E-03	2.97E-03	4.08E-03	4.61E-03	6.39E-03	23
3.16E-08	3.16E-08	3.63E-08	3.96E-08	3.98E-03	2.83E-03	3.36E-03	3.96E-03	4.57E-03	5.24E-03	8
3.98E-08	4.07E-08	4.44E-08	4.94E-08	3.79E-03	3.41E-03	3.50E-03	3.63E-03	4.07E-03	4.48E-03	4
5.01E-08	5.08E-08	5.38E-08	6.08E-08	6.22E-03	3.13E-03	3.89E-03	4.25E-03	9.65E-03	1.01E-02	5
6.31E-08										
7.94E-08	8.23E-08	8.49E-08	9.78E-08	8.60E-03	7.26E-03				9.94E-03	3
1.00E-07	1.23E-07	1.23E-07	1.23E-07	5.94E-03	5.94E-03				5.94E-03	1

TOTAL N: 1703

TABLE [illegible]. OREGON ATTE[illegible]ION TABULATED AS A FUNCTION OF REFLECTIVITY [illegible] 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
5.31E-09	5.14E-09	5.14E-09	5.14E-09	2.48E-03	2.48E-03				2.48E-03	1
6.31E-09	7.68E-09	7.47E-09	7.80E-09	2.68E-03	2.17E-03				3.39E-03	3
7.94E-09	8.12E-09	9.28E-09	1.00E-08	2.37E-03	1.75E-03	2.12E-03	2.31E-03	2.58E-03	3.13E-03	16
1.00E-08	1.01E-08	1.13E-08	1.25E-08	2.46E-03	2.01E-03	2.23E-03	2.39E-03	2.59E-03	3.57E-03	29
1.26E-08	1.26E-08	1.44E-08	1.58E-08	2.68E-03	1.65E-03	2.31E-03	2.63E-03	2.97E-03	4.61E-03	57
1.58E-08	1.59E-08	1.79E-08	1.99E-08	2.91E-03	2.02E-03	2.37E-03	2.75E-03	3.24E-03	6.68E-03	88
2.00E-08	2.00E-08	2.25E-08	2.51E-08	3.34E-03	2.25E-03	2.76E-03	3.16E-03	3.74E-03	6.57E-03	137
2.51E-08	2.52E-08	2.90E-08	3.16E-08	3.86E-03	2.42E-03	3.17E-03	3.65E-03	4.20E-03	7.71E-03	127
3.16E-08	3.17E-08	3.54E-08	3.98E-08	4.44E-03	2.92E-03	3.83E-03	4.38E-03	4.89E-03	9.22E-03	139
3.98E-08	4.01E-08	4.48E-08	4.99E-08	5.20E-03	3.32E-03	4.55E-03	5.04E-03	5.78E-03	9.63E-03	134
5.01E-08	5.02E-08	5.64E-08	6.30E-08	6.44E-03	4.32E-03	5.38E-03	6.11E-03	6.94E-03	1.19E-02	107
6.31E-08	6.34E-08	7.10E-08	7.94E-08	7.74E-03	5.02E-03	6.55E-03	7.41E-03	8.35E-03	1.58E-02	119
7.94E-08	7.95E-08	8.92E-08	9.99E-08	9.30E-03	6.54E-03	8.01E-03	8.92E-03	1.00E-02	1.74E-02	105
1.00E-07	1.00E-07	1.12E-07	1.25E-07	1.13E-02	7.91E-03	9.80E-03	1.09E-02	1.22E-02	2.07E-02	119
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.35E-02	9.78E-03	1.25E-02	1.33E-02	1.45E-02	1.83E-02	85
1.58E-07	1.59E-07	1.78E-07	1.99E-07	1.71E-02	1.14E-02	1.50E-02	1.62E-02	1.83E-02	2.46E-02	98
2.00E-07	2.00E-07	2.24E-07	2.51E-07	2.05E-02	1.51E-02	1.85E-02	2.02E-02	2.24E-02	2.82E-02	72
2.51E-07	2.52E-07	2.79E-07	3.16E-07	2.47E-02	1.91E-02	2.22E-02	2.38E-02	2.65E-02	3.53E-02	68
3.16E-07	3.18E-07	3.58E-07	3.97E-07	3.10E-02	2.48E-02	2.81E-02	3.06E-02	3.27E-02	4.57E-02	61
3.98E-07	4.03E-07	4.49E-07	4.99E-07	3.83E-02	3.10E-02	3.47E-02	3.67E-02	4.00E-02	6.13E-02	33
5.01E-07	5.07E-07	5.64E-07	6.27E-07	4.52E-02	3.68E-02	4.15E-02	4.51E-02	4.70E-02	6.81E-02	35
6.31E-07	6.45E-07	7.10E-07	7.86E-07	5.83E-02	4.88E-02	5.45E-02	5.77E-02	6.17E-02	8.35E-02	35
7.94E-07	8.09E-07	9.15E-07	9.84E-07	7.26E-02	5.50E-02	7.14E-02	7.24E-02	7.43E-02	8.44E-02	18
1.00E-06	1.01E-06	1.07E-06	1.17E-06	8.26E-02	6.07E-02	8.04E-02	8.31E-02	8.81E-02	9.30E-02	18
1.26E-06	1.26E-06	1.33E-06	1.38E-06	1.02E-01	9.74E-02				1.07E-01	3
1.58E-06	1.78E-06	1.80E-06	1.83E-06	1.22E-01	9.52E-02	9.68E-02	1.23E-01	1.48E-01	1.49E-01	4
2.00E-06	2.07E-06	2.10E-06	2.13E-06	1.00E-01	7.41E-02				1.26E-01	2
2.51E-06	2.35E-06	2.84E-06	2.94E-06	1.49E-01	1.12E-01				2.03E-01	3
3.16E-06	3.32E-06	3.44E-06	3.56E-06	1.87E-01	1.26E-01				2.49E-01	2
3.98E-06	4.03E-06	4.03E-06	4.03E-06	1.25E-01	1.25E-01				1.25E-01	1
5.01E-06	5.12E-06	5.12E-06	5.12E-06	1.23E-01	1.23E-01				1.23E-01	1
6.31E-06	7.23E-06	7.23E-06	7.23E-06	1.87E-01	1.87E-01				1.87E-01	1
7.94E-06										
1.00E-05										
1.26E-05	1.37E-05	1.37E-05	1.37E-05	1.20E-01	1.20E-01				1.20E-01	1

TOTAL N: 1703

TABLE [illegible]. OREGON ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-08	1.24E-08	1.24E-08	1.24E-08	4.14E-03	4.14E-03				4.14E-03	1
1.26E-08										
1.58E-08	1.71E-08	1.84E-08	1.96E-08	4.42E-03	3.75E-03	3.89E-03	4.13E-03	4.95E-03	5.69E-03	4
2.00E-08	2.01E-08	2.31E-08	2.51E-08	4.17E-03	3.16E-03	3.77E-03	4.12E-03	4.54E-03	5.37E-03	19
2.51E-08	2.56E-08	2.83E-08	3.16E-08	4.53E-03	3.67E-03	4.07E-03	4.26E-03	4.93E-03	6.13E-03	31
3.16E-08	3.18E-08	3.60E-08	3.98E-08	4.85E-03	3.16E-03	4.21E-03	4.57E-03	5.29E-03	7.96E-03	58
3.98E-08	4.99E-08	4.50E-08	4.97E-08	5.46E-03	3.88E-03	4.61E-03	5.14E-03	5.84E-03	1.13E-02	98
5.01E-08	5.02E-08	5.68E-08	6.30E-08	6.40E-03	4.42E-03	5.46E-03	6.10E-03	7.03E-03	1.03E-02	141
6.31E-08	6.31E-08	7.14E-08	7.94E-08	7.56E-03	5.19E-03	6.36E-03	7.10E-03	8.64E-03	1.36E-02	171
7.94E-08	7.56E-08	8.96E-08	1.00E-07	8.92E-03	6.37E-03	7.78E-03	8.68E-03	9.66E-03	1.69E-02	137
1.00E-07	1.01E-07	1.12E-07	1.25E-07	1.06E-02	8.11E-03	9.36E-03	1.04E-02	1.12E-02	1.71E-02	123
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.30E-02	9.52E-03	1.13E-02	1.25E-02	1.37E-02	2.77E-02	110
1.58E-07	1.59E-07	1.78E-07	1.99E-07	1.57E-02	1.13E-02	1.41E-02	1.51E-02	1.68E-02	2.78E-02	120
2.00E-07	2.00E-07	2.26E-07	2.51E-07	1.98E-02	1.48E-02	1.76E-02	1.90E-02	2.18E-02	3.50E-02	113
2.51E-07	2.52E-07	2.81E-07	3.15E-07	2.36E-02	1.82E-02	2.14E-02	2.33E-02	2.49E-02	3.79E-02	104
3.16E-07	3.18E-07	3.57E-07	3.98E-07	2.90E-02	2.27E-02	2.68E-02	2.83E-02	3.03E-02	4.57E-02	84
3.98E-07	3.99E-07	4.44E-07	5.01E-07	3.57E-02	2.82E-02	3.27E-02	3.46E-02	3.76E-02	5.39E-02	92
5.01E-07	5.02E-07	5.61E-07	6.26E-07	4.35E-02	3.08E-02	4.04E-02	4.33E-02	4.64E-02	5.40E-02	59
6.31E-07	6.31E-07	7.00E-07	7.92E-07	5.33E-02	3.17E-02	4.83E-02	5.32E-02	5.72E-02	6.37E-02	66
7.94E-07	7.95E-07	8.93E-07	9.98E-07	6.51E-02	3.73E-02	6.05E-02	6.53E-02	6.93E-02	6.79E-02	52
1.00E-06	1.01E-06	1.13E-06	1.24E-06	8.02E-02	5.25E-02	7.28E-02	7.91E-02	8.68E-02	1.14E-01	33
1.26E-06	1.26E-06	1.41E-06	1.58E-06	9.56E-02	5.19E-02	8.64E-02	9.36E-02	1.05E-01	1.59E-01	35
1.58E-06	1.59E-06	1.80E-06	1.99E-06	1.14E-01	5.49E-02	1.05E-01	1.16E-01	1.26E-01	1.49E-01	26
2.00E-06	2.04E-06	2.24E-06	2.53E-06	1.29E-01	5.79E-02	1.13E-01	1.30E-01	1.57E-01	1.91E-01	26
2.51E-06	2.53E-06	2.80E-06	3.12E-06	1.71E-01	1.21E-01	1.62E-01	1.77E-01	1.93E-01	2.05E-01	19
3.16E-06	3.24E-06	3.58E-06	3.92E-06	1.83E-01	7.07E-02	1.38E-01	1.74E-01	1.82E-01	2.34E-01	12
3.98E-06	4.02E-06	4.23E-06	4.42E-06	2.08E-01	7.61E-02	1.35E-01	1.97E-01	3.22E-01	3.22E-01	6
5.01E-06	5.73E-06	5.90E-06	6.16E-06	1.25E-01	7.76E-02				1.49E-01	3
6.31E-06	7.40E-06	7.54E-06	7.68E-06	3.35E-01	1.83E-01				4.87E-01	2
7.94E-06	8.17E-06	9.10E-06	9.87E-06	2.77E-01	1.58E-01	1.72E-01	1.91E-01	3.82E-01	5.68E-01	4
1.00E-05	1.08E-05	1.14E-05	1.21E-05	1.73E-01	1.72E-01				1.75E-01	2
1.26E-05										
1.58E-05	1.75E-05	1.75E-05	1.75E-05	2.84E-01	2.84E-01				2.84E-01	1
2.00E-05										
2.51E-05	2.70E-05	2.70E-05	2.70E-05	1.65E-01	1.65E-01				1.65E-01	1

TOTAL N: 1703

TABLE 56. MAJURO REFLECTIVITY FOR 10.9 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	5.49E-11	1.75E-11	4.26E-11	5.32E-11	5.63E-11	1.19E-10	10
1.26E-01	1.38E-01	1.48E-01	1.55E-01	7.36E-11	4.03E-11	5.61E-11	6.46E-11	9.36E-11	1.20E-10	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	8.12E-10	3.35E-11	7.91E-11	1.26E-10	1.51E-10	1.66E-10	16
2.00E-01	2.01E-01	2.39E-01	2.50E-01	1.63E-10	8.05E-11	1.00E-10	1.57E-10	1.90E-10	3.17E-10	14
2.51E-01	2.52E-01	2.84E-01	3.15E-01	1.61E-10	6.45E-11	1.04E-10	1.53E-10	1.99E-10	3.52E-10	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	2.45E-10	1.22E-10	1.68E-10	2.33E-10	2.98E-10	4.40E-10	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	3.05E-10	9.08E-11	2.33E-10	2.72E-10	3.75E-10	7.33E-10	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	4.43E-10	1.53E-10	2.93E-10	3.74E-10	5.14E-10	1.81E-09	98
6.31E-01	6.32E-01	7.17E-01	7.93E-01	6.16E-10	1.40E-10	3.89E-10	5.27E-10	7.26E-10	3.63E-09	101
7.94E-01	7.95E-01	9.03E-01	1.00E 00	7.85E-10	2.20E-10	5.23E-10	6.99E-10	9.03E-10	2.78E-09	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	9.49E-10	2.86E-10	5.97E-10	8.82E-10	1.21E-09	2.40E-09	108
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.25E-09	3.27E-10	7.71E-10	1.04E-09	1.53E-09	3.98E-09	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.85E-09	5.39E-10	9.80E-10	1.57E-09	2.35E-09	6.58E-09	106
2.00E 00	2.00E 00	2.25E 00	2.50E 00	2.37E-09	7.20E-10	1.35E-09	1.98E-09	3.13E-09	7.61E-09	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	3.13E-09	8.78E-10	1.80E-09	2.84E-09	3.45E-09	1.28E-08	162
3.16E 00	3.17E 00	3.55E 00	3.98E 00	3.84E-09	1.19E-09	2.29E-09	3.20E-09	4.90E-09	1.33E-08	176
3.98E 00	3.99E 00	4.48E 00	5.01E 00	5.86E-09	1.68E-09	3.15E-09	4.16E-09	7.00E-09	4.58E-08	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	7.45E-09	2.13E-09	3.92E-09	5.39E-09	7.95E-09	8.48E-08	150
6.31E 00	6.31E 00	7.01E 00	7.94E 00	9.39E-09	3.41E-09	5.06E-09	7.10E-09	1.14E-08	7.29E-08	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	1.00E-08	3.92E-09	7.20E-09	8.64E-09	1.14E-08	2.42E-08	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.46E-08	5.38E-09	9.32E-09	1.14E-08	1.51E-08	8.85E-08	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	1.71E-08	8.03E-09	1.28E-08	1.56E-08	1.83E-08	5.77E-08	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	2.48E-08	1.19E-08	1.83E-08	2.16E-08	2.56E-08	1.67E-07	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	3.09E-08	1.55E-08	2.41E-08	2.89E-08	3.54E-08	8.83E-08	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	4.66E-08	2.45E-08	3.34E-08	4.22E-08	5.02E-08	1.41E-07	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	6.44E-08	3.29E-08	5.03E-08	5.89E-08	6.89E-08	1.36E-07	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	8.96E-08	4.55E-08	7.19E-08	8.06E-08	9.98E-08	1.97E-07	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	1.18E-07	6.60E-08	9.81E-08	1.12E-07	1.28E-07	2.28E-07	54
6.31E 01	6.33E 01	7.14E 01	7.89E 01	1.77E-07	1.01E-07	1.44E-07	1.75E-07	2.03E-07	2.97E-07	26
7.94E 01	7.96E 01	8.71E 01	9.42E 01	2.58E-07	1.36E-07	2.00E-07	2.36E-07	2.90E-07	4.42E-07	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	4.26E-07	2.64E-07	3.33E-07	4.18E-07	4.97E-07	6.10E-07	10
1.26E 02	1.33E 02	1.39E 02	1.51E 02	5.29E-07	3.65E-07	3.68E-07	4.23E-07	4.94E-07	1.10E-06	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	6.27E-07	5.16E-07				7.38E-07	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	6.76E-07	6.76E-07				6.76E-07	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	1.20E-06	1.20E-06				1.20E-06	1

TOTAL N: 2657

TABLE 57. MAJURO REFLECTIVITY FOR 5.5 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	2.08E-09	6.79E-10	1.63E-09	2.03E-09	2.14E-09	4.49E-09	10
1.26E-01	1.38E-01	1.48E-01	1.55E-01	2.80E-09	1.55E-09	2.15E-09	2.46E-09	3.55E-09	4.50E-09	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	4.25E-09	1.30E-09	3.01E-09	4.76E-09	5.71E-09	6.23E-09	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	6.09E-09	3.09E-09	3.84E-09	5.96E-09	7.12E-09	1.15E-08	14
2.51E-01	2.52E-01	2.84E-01	3.15E-01	6.08E-09	2.49E-09	3.99E-09	5.83E-09	7.50E-09	1.30E-08	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	9.19E-09	4.69E-09	6.38E-09	8.81E-09	1.12E-08	1.61E-08	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	1.16E-08	3.51E-09	8.93E-09	1.03E-08	1.43E-08	2.68E-08	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	1.64E-08	5.88E-09	1.12E-08	1.41E-08	1.93E-08	6.37E-08	98
6.31E-01	6.32E-01	7.17E-01	7.93E-01	2.26E-08	5.40E-09	1.48E-08	1.99E-08	2.69E-08	1.13E-07	101
7.94E-01	7.95E-01	9.03E-01	1.00E 00	2.89E-08	8.48E-09	1.99E-08	2.63E-08	3.35E-08	9.42E-08	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	3.51E-08	1.10E-08	2.22E-08	3.31E-08	4.48E-08	8.33E-08	108
1.26E 00	1.26E 00	1.42E 00	1.58E 00	4.60E-08	1.26E-08	2.93E-08	3.91E-08	5.67E-08	1.37E-07	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	6.73E-08	2.07E-08	3.72E-08	5.83E-08	8.58E-08	3.02E-07	106
2.00E 00	2.00E 00	2.25E 00	2.50E 00	8.61E-08	2.76E-08	5.14E-08	7.41E-08	1.13E-07	2.55E-07	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.14E-07	3.37E-08	6.76E-08	9.81E-08	1.43E-07	4.34E-07	162
3.16E 00	3.17E 00	3.55E 00	3.98E 00	1.40E-07	4.56E-08	8.62E-08	1.15E-07	1.74E-07	4.47E-07	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	2.30E-07	6.42E-08	1.18E-07	1.55E-07	2.54E-07	6.27E-06	152
5.01E 00	5.02E 00	5.63E 00	6.30E 00	3.25E-07	8.14E-08	1.47E-07	2.00E-07	2.90E-07	9.00E-06	150
6.31E 00	6.31E 00	7.01E 00	7.94E 00	3.81E-07	1.29E-07	1.91E-07	2.64E-07	4.09E-07	7.82E-06	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	3.66E-07	1.49E-07	2.70E-07	3.20E-07	4.17E-07	9.61E-07	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.07E-07	2.05E-07	3.47E-07	4.22E-07	5.52E-07	5.75E-06	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	6.47E-07	3.04E-07	4.78E-07	5.75E-07	6.64E-07	4.71E-06	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.12E-06	4.46E-07	6.78E-07	7.95E-07	9.17E-07	1.74E-05	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.13E-06	5.85E-07	8.94E-07	1.05E-06	1.27E-06	3.13E-06	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	1.81E-06	9.17E-07	1.23E-06	1.53E-06	1.80E-06	1.17E-05	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	2.78E-06	1.22E-06	1.83E-06	2.12E-06	2.44E-06	1.45E-05	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	3.24E-06	1.68E-06	2.58E-06	2.86E-06	3.57E-06	7.40E-06	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	4.25E-06	2.40E-06	3.48E-06	3.96E-06	4.46E-06	9.26E-06	54
6.31E 01	6.33E 01	7.14E 01	7.89E 01	6.89E-06	3.67E-06	5.19E-06	6.17E-06	7.69E-06	1.72E-05	26
7.94E 01	7.96E 01	8.71E 01	9.42E 01	1.12E-05	4.89E-06	7.00E-06	8.68E-06	1.30E-05	3.40E-05	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	1.68E-05	9.18E-06	1.21E-05	1.43E-05	1.88E-05	2.92E-05	19
1.26E 02	1.33E 02	1.39E 02	1.51E 02	2.28E-05	1.26E-05	1.28E-05	1.47E-05	1.77E-05	6.44E-05	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	2.31E-05	1.80E-05				2.82E-05	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	2.37E-05	2.37E-05				2.37E-05	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	4.81E-05	4.81E-05				4.81E-05	1

TOTAL N: 2652

TABLE 3A. MAJURO REFLECTIVITY FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	5.01E-09	1.65E-09	3.99E-09	4.90E-09	5.18E-09	1.05E-08	17
1.26E-01	1.38E-01	1.48E-01	1.55E-01	6.75E-09	3.75E-09	5.20E-09	5.96E-09	8.56E-09	1.08E-08	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	1.02E-08	3.14E-09	7.26E-09	1.15E-08	1.37E-08	1.49E-08	15
2.00E-01	2.01E-01	2.30E-01	2.50E-01	1.46E-08	7.47E-09	9.29E-09	1.43E-08	1.71E-08	2.75E-08	14
2.51E-01	2.52E-01	2.84E-01	3.15E-01	1.46E-08	6.03E-09	9.66E-09	1.41E-08	1.81E-08	3.11E-08	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	2.21E-08	1.14E-08	1.54E-08	2.12E-08	2.69E-08	1.85E-08	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	2.75E-08	8.49E-09	2.13E-08	2.49E-08	3.37E-08	6.43E-08	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	3.97E-08	1.42E-08	2.70E-08	3.40E-08	4.54E-08	1.59E-07	94
6.31E-01	6.32E-01	7.17E-01	7.93E-01	5.54E-08	1.31E-08	3.58E-08	4.79E-08	6.45E-08	3.93E-07	101
7.94E-01	7.65E-01	9.03E-01	1.00E 00	6.99E-08	2.05E-08	4.79E-08	6.33E-08	8.05E-08	2.44E-07	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	8.44E-08	2.06E-08	5.36E-08	7.96E-08	1.07E-07	2.27E-07	108
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.11E-07	3.06E-08	7.07E-08	9.39E-08	1.35E-07	3.86E-07	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.68E-07	5.02E-08	8.97E-08	1.40E-07	2.05E-07	1.16E-06	176
2.00E 00	2.00E 00	2.25E 00	2.50E 00	2.09E-07	6.68E-08	1.24E-07	1.78E-07	2.72E-07	7.24E-07	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.83E-07	8.15E-08	1.63E-07	2.35E-07	3.49E-07	1.51E-06	189
3.18E 00	3.17E 00	3.55E 00	3.98E 00	3.42E-07	1.10E-07	2.08E-07	2.86E-07	4.25E-07	1.41E-06	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	5.89E-07	1.55E-07	2.85E-07	3.71E-07	6.08E-07	1.03E-05	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	7.99E-07	1.97E-07	3.55E-07	4.80E-07	6.92E-07	1.87E-05	192
6.31E 00	6.31E 00	7.01E 00	7.94E 00	9.66E-07	3.13E-07	4.60E-07	6.33E-07	9.91E-07	1.59E-05	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	8.89E-07	3.60E-07	6.48E-07	7.67E-07	9.96E-07	2.53E-06	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.60E-06	4.96E-07	8.34E-07	1.01E-06	1.33E-06	1.66E-05	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	1.59E-06	7.34E-07	1.15E-06	1.38E-06	1.60E-06	1.14E-05	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	2.58E-06	1.07E-06	1.62E-06	1.90E-06	2.22E-06	5.43E-05	172
2.00E 01	2.00E 01	2.24E 01	2.51E 01	2.77E-06	1.41E-06	2.14E-06	2.53E-06	3.07E-06	9.83E-06	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	4.53E-06	2.20E-06	2.94E-06	3.67E-06	4.36E-06	2.45E-05	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	6.66E-06	2.93E-06	4.37E-06	5.13E-06	5.99E-06	5.68E-05	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	8.34E-06	4.03E-06	6.23E-06	6.97E-06	8.87E-06	2.35E-05	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	1.09E-05	5.77E-06	8.57E-06	9.87E-06	1.15E-05	3.91E-05	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	1.78E-05	8.79E-06	1.27E-05	1.56E-05	2.17E-05	3.95E-05	26
7.94E 01	7.56E 01	8.71E 01	9.92E 01	2.85E-05	1.17E-05	1.81E-05	2.35E-05	3.36E-05	7.21E-05	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	5.01E-05	2.34E-05	3.58E-05	4.56E-05	6.18E-05	8.43E-05	11
1.26E 02	1.33E 02	1.39E 02	1.51E 02	6.54E-05	3.27E-05	3.33E-05	4.08E-05	5.28E-05	1.42E-04	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	7.00E-05	5.03E-05				8.98E-05	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	6.46E-05	6.46E-05				6.46E-05	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	1.57E-04	1.57E-04				1.57E-04	1

TOTAL N: 2652

TABLE 3B. MAJURO REFLECTIVITY FOR 1.87 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	4.27E-08	1.38E-08	3.30E-08	4.11E-08	4.33E-08	9.45E-08	17
1.26E-01	1.38E-01	1.48E-01	1.55E-01	5.69E-08	3.14E-08	4.35E-08	4.98E-08	7.21E-08	9.25E-08	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	8.69E-08	2.63E-08	6.11E-08	9.71E-08	1.18E-07	1.29E-07	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	1.30E-07	6.25E-08	7.76E-08	1.21E-07	1.49E-07	2.84E-07	14
2.51E-01	2.52E-01	2.84E-01	3.15E-01	1.27E-07	5.04E-08	8.07E-08	1.18E-07	1.54E-07	7.84E-07	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	1.93E-07	9.50E-08	1.29E-07	1.79E-07	2.33E-07	3.80E-07	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	2.41E-07	7.11E-08	1.79E-07	2.10E-07	2.92E-07	6.19E-07	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	3.78E-07	1.19E-07	2.26E-07	2.94E-07	4.17E-07	2.57E-06	94
6.31E-01	6.32E-01	7.17E-01	7.93E-01	5.47E-07	1.10E-07	3.00E-07	4.09E-07	6.12E-07	5.70E-06	101
7.94E-01	7.65E-01	9.03E-01	1.00E 00	6.93E-07	1.72E-07	4.33E-07	5.51E-07	7.29E-07	3.72E-06	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	8.09E-07	2.23E-07	4.54E-07	6.83E-07	1.04E-06	4.98E-06	108
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.12E-06	2.56E-07	5.94E-07	8.08E-07	1.31E-06	5.31E-06	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.79E-06	4.20E-07	7.57E-07	1.23E-06	2.16E-06	1.23E-05	176
2.00E 00	2.00E 00	2.25E 00	2.50E 00	2.20E-06	5.60E-07	1.05E-06	1.58E-06	2.77E-06	1.35E-05	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	3.30E-06	6.83E-07	1.40E-06	2.16E-06	3.62E-06	1.94E-05	162
3.18E 00	3.17E 00	3.55E 00	3.98E 00	3.62E-06	9.23E-07	1.77E-06	2.53E-06	4.44E-06	1.31E-05	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	5.92E-06	1.30E-06	2.51E-06	3.36E-06	6.42E-06	4.83E-05	192
5.01E 00	5.03E 00	5.63E 00	6.30E 00	7.26E-06	1.65E-06	3.10E-06	4.53E-06	7.33E-06	6.80E-05	153
6.31E 00	6.31E 00	7.01E 00	7.94E 00	9.29E-06	2.65E-06	3.93E-06	5.60E-06	1.11E-05	6.50E-05	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	9.25E-06	3.03E-06	5.72E-06	7.30E-06	1.01E-05	3.66E-05	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.59E-05	4.16E-06	7.39E-06	9.36E-06	1.45E-05	1.10E-04	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	1.56E-05	6.19E-06	1.02E-05	1.30E-05	1.60E-05	6.95E-05	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	2.15E-05	9.36E-06	1.49E-05	1.83E-05	2.41E-05	9.20E-05	172
2.00E 01	2.00E 01	2.24E 01	2.51E 01	2.91E-05	1.20E-05	2.00E-05	2.55E-05	3.44E-05	1.19E-04	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	4.67E-05	1.96E-05	2.83E-05	3.90E-05	4.82E-05	1.65E-04	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	6.36E-05	2.60E-05	4.46E-05	5.64E-05	7.36E-05	2.00E-04	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	9.76E-05	3.71E-05	6.66E-05	8.30E-05	1.08E-04	2.72E-04	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	1.31E-04	5.92E-05	1.00E-04	1.21E-04	1.48E-04	3.12E-04	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	2.07E-04	9.06E-05	1.54E-04	1.98E-04	2.53E-04	4.13E-04	26
7.94E 01	7.56E 01	8.71E 01	9.92E 01	3.04E-04	1.28E-04	2.30E-04	2.84E-04	3.69E-04	5.33E-04	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	5.65E-04	3.13E-04	4.39E-04	5.45E-04	6.97E-04	8.14E-04	10
1.26E 02	1.33E 02	1.39E 02	1.51E 02	6.80E-04	4.43E-04	4.52E-04	5.43E-04	6.67E-04	1.43E-03	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	8.36E-04	6.62E-04				1.01E-03	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	8.53E-04	8.53E-04				8.53E-04	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	1.64E-03	1.64E-03				1.64E-03	1

TOTAL N: 2652

TABLE 6C. MAJURO REFLECTIVITY FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	1.23E-06	9.19E-07	8.53E-07	1.15E-06	1.23E-06	3.21E-06	10
1.26E-01	1.30E-01	1.48E-01	1.55E-01	1.66E-06	7.61E-07	1.12E-06	1.34E-06	2.19E-06	3.02E-06	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	2.71E-06	6.10E-07	1.74E-06	3.02E-06	3.83E-06	4.29E-06	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	3.42E-06	1.99E-06	2.11E-06	3.68E-06	4.90E-06	7.86E-06	14
2.51E-01	2.52E-01	2.66F-01	3.15E-01	3.73E-06	1.20E-06	2.06E-06	3.33E-06	4.77E-06	9.50E-06	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	5.93E-06	2.40E-06	3.56E-06	5.40E-06	7.42E-06	1.17E-05	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	7.39E-06	1.68E-06	5.00E-06	6.29E-06	9.55E-06	1.99E-05	35
5.01E-01	5.02E-01	5.66F-01	6.30E-01	1.03E-05	2.90E-06	6.42E-06	9.29E-06	1.33E-05	2.76E-05	48
6.31E-01	6.32E-01	7.17E-01	7.93E-01	1.38E-05	2.56E-06	8.53E-06	1.33E-05	1.82E-05	2.76E-05	101
7.94E-01	7.95E-01	9.03E-01	1.00E 00	1.80E-05	4.08E-06	1.29E-05	1.73E-05	2.30E-05	4.02E-05	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	2.25E-05	5.53E-06	1.31E-05	2.20E-05	3.07E-05	4.39E-05	168
1.26E 00	1.26E 00	1.42E 00	1.58E 00	2.85E-05	6.12E-06	1.68E-05	2.53E-05	4.01E-05	6.03E-05	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	3.90E-05	1.04E-05	2.19E-05	3.91E-05	5.45E-05	8.22E-05	166
2.00E 00	2.00E 00	2.25E 00	2.50E 00	5.31E-05	1.45E-05	3.18E-05	5.01E-05	7.31E-05	1.12E-04	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	6.76E-05	1.75E-05	4.07E-05	6.71E-05	8.89E-05	1.38E-04	162
3.16E 00	3.17E 00	3.55E 00	3.98E 00	8.50E-05	2.33E-05	5.28E-05	7.95E-05	1.19E-04	1.72E-04	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	1.12E-04	3.49E-05	7.35E-05	1.02E-04	1.52E-04	2.13E-04	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	1.39E-04	4.55E-05	9.58E-05	1.36E-04	1.77E-04	2.59E-04	150
6.31E 00	6.31E 00	7.01E 00	7.94E 00	1.82E-04	7.42E-05	1.21E-04	1.74E-04	2.34E-04	3.30E-04	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	2.30E-04	8.56E-05	1.78E-04	2.18E-04	2.85E-04	4.11E-04	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	2.94E-04	1.14E-04	2.27E-04	2.85E-04	3.52E-04	5.09E-04	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	3.94E-04	1.85E-04	3.21E-04	3.98E-04	4.58E-04	6.57E-04	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	5.33E-04	2.80E-04	4.66E-04	5.32E-04	6.98E-04	8.08E-04	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	7.12E-04	3.78E-04	6.09E-04	7.10E-04	8.11E-04	1.04E-03	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	9.58E-04	6.10E-04	8.24E-04	9.81E-04	1.09E-03	1.26E-03	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	1.27E-03	8.67E-04	1.18E-03	1.28E-03	1.37E-03	1.72E-03	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	1.72E-03	1.18E-03	1.62E-03	1.71E-03	1.86E-03	2.08E-03	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	2.21E-03	1.62E-03	2.04E-03	2.19E-03	2.43E-03	2.45E-03	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	2.80E-03	2.29E-03	2.66E-03	2.77E-03	2.93E-03	3.31E-03	26
7.94E 01	7.96E 01	8.71E 01	9.92E 01	3.43E-03	2.83E-03	3.21E-03	3.44E-03	3.56E-03	4.78E-03	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	4.19E-03	3.59E-03	3.77E-03	4.27E-03	4.54E-03	4.81E-03	17
1.26E 02	1.33E 02	1.39E 02	1.51E 02	5.28E-03	3.27E-03	5.27E-03	5.65E-03	5.88E-03	5.96E-03	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	6.59E-03	6.24E-03				6.94E-03	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	9.62E-03	9.62E-03				9.62E-03	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	9.12E-03	9.12E-03				9.12E-03	1

TOTAL N: 2652

TABLE 6C. MAJURO REFLECTIVITY FOR 3.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	1.16E-05	9.24E-06	1.10E-05	1.23E-05	1.32E-05	1.47E-05	10
1.26E-01	1.30E-01	1.48E-01	1.55E-01	1.65E-05	1.27E-05	1.56E-05	1.69E-05	1.75E-05	1.95E-05	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	1.88E-05	1.02E-05	1.79E-05	1.94E-05	2.14E-05	2.45E-05	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	2.43E-05	1.49E-05	1.91E-05	2.50E-05	2.91E-05	3.27E-05	14
2.51E-01	2.52E-01	2.66E-01	3.15E-01	3.06E-05	1.95E-05	2.53E-05	3.25E-05	3.53E-05	3.90E-05	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	3.74E-05	1.98E-05	3.01E-05	3.85E-05	4.46E-05	5.05E-05	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	4.66E-05	2.14E-05	4.03E-05	4.82E-05	5.69E-05	6.34E-05	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	5.67E-05	1.33E-05	4.99E-05	5.88E-05	6.55E-05	8.02E-05	48
6.31E-01	6.32E-01	7.17E-01	7.93E-01	6.98E-05	2.48E-05	5.72E-05	6.97E-05	8.27E-05	9.86E-05	101
7.94E-01	7.95E-01	9.03E-01	1.00E 00	8.75E-05	3.61E-05	7.22E-05	9.09E-05	1.04E-04	1.26E-04	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	1.07E-04	4.40E-05	8.68E-05	1.10E-04	1.26E-04	1.56E-04	10
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.36E-04	3.82E-05	1.02E-04	1.42E-04	1.65E-04	2.06E-04	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.61E-04	4.77E-05	1.30E-04	1.69E-04	1.96E-04	2.42E-04	166
2.00E 00	2.00E 00	2.25E 00	2.50E 00	1.98E-04	4.25E-05	1.28E-04	2.03E-04	2.56E-04	3.07E-04	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.44E-04	4.22E-05	1.74E-04	2.56E-04	3.08E-04	3.83E-04	162
3.16E 00	3.17E 00	3.55E 00	3.98E 00	3.11E-04	6.92E-05	2.11E-04	3.48E-04	4.00E-04	5.32E-04	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	3.77E-04	8.94E-05	2.17E-04	4.16E-04	5.04E-04	6.50E-04	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	4.79E-04	8.19E-05	3.53E-04	4.99E-04	6.15E-04	7.31E-04	153
6.31E 00	6.31E 00	7.01E 00	7.94E 00	5.81E-04	1.41E-04	3.56E-04	6.26E-04	7.41E-04	1.02E-03	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	7.55E-04	2.12E-04	6.29E-04	7.90E-04	9.76E-04	1.20E-03	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	9.04E-04	2.21E-04	7.27E-04	9.69E-04	1.15E-03	1.47E-03	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	1.12E-03	3.21E-04	9.26E-04	1.14E-03	1.34E-03	1.75E-03	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.27E-03	5.16E-04	1.02E-03	1.25E-03	1.52E-03	2.22E-03	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.52E-03	2.70E-04	1.26E-03	1.50E-03	1.73E-03	2.42E-03	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	1.66E-03	7.08E-04	1.34E-03	1.66E-03	1.90E-03	2.99E-03	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	1.82E-03	9.60E-04	1.55E-03	1.85E-03	2.05E-03	3.11E-03	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	1.97E-03	6.81E-04	1.61E-03	1.82E-03	2.33E-03	3.85E-03	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	2.09E-03	1.13E-03	1.77E-03	2.11E-03	2.35E-03	3.57E-03	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	2.54E-03	1.66E-03	2.25E-03	2.49E-03	2.87E-03	3.89E-03	26
7.94E 01	7.96E 01	8.71E 01	9.92E 01	2.70E-03	1.62E-03	2.09E-03	2.47E-03	3.20E-03	4.82E-03	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	2.76E-03	2.18E-03	2.37E-03	2.50E-03	2.72E-03	4.55E-03	17
1.26E 02	1.33E 02	1.39E 02	1.51E 02	3.43E-03	2.67E-03	3.31E-03	3.41E-03	3.87E-03	3.96E-03	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	4.36E-03	4.25E-03				4.52E-03	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	6.38E-03	6.38E-03				6.38E-03	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	6.29E-03	6.29E-03				6.29E-03	1

TOTAL N: 2652

TABLE 52. MAJURO ATTENUATION FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	5.72E-05	4.74E-05	4.94E-05	5.56E-05	6.20E-05	7.34E-05	10
1.26E-01	1.38E-01	1.48E-01	1.55E-01	7.13E-05	6.31E-05	6.43E-05	7.08E-05	7.83E-05	8.38E-05	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	8.59E-05	6.98E-05	7.78E-05	8.30E-05	8.60E-05	1.24E-04	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	1.04E-04	8.68E-05	9.66E-05	1.01E-04	1.11E-04	1.24E-04	14
2.51E-01	2.52E-01	2.84E-01	3.15E-01	1.36E-04	1.10E-04	1.25E-04	1.31E-04	1.46E-04	1.73E-04	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	1.63E-04	1.35E-04	1.44E-04	1.58E-04	1.81E-04	2.27E-04	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	2.07E-04	1.64E-04	1.97E-04	2.00E-04	2.29E-04	2.71E-04	15
5.01E-01	5.02E-01	5.66E-01	6.30E-01	2.55E-04	2.13E-04	2.32E-04	2.50E-04	2.72E-04	3.49E-04	99
6.31E-01	6.32E-01	7.17E-01	7.93E-01	3.21E-04	2.46E-04	2.90E-04	3.10E-04	3.37E-04	5.38E-04	141
7.94E-01	7.95E-01	9.03E-01	1.00E 00	4.00E-04	3.18E-04	3.67E-04	3.88E-04	4.29E-04	6.30E-04	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.97E-04	4.00E-04	4.56E-04	4.86E-04	5.27E-04	8.47E-04	108
1.26E 00	1.26E 00	1.42E 00	1.58E 00	6.32E-04	4.97E-04	5.76E-04	6.23E-04	6.63E-04	9.91E-04	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.84E-04	6.27E-04	7.25E-04	7.67E-04	8.24E-04	1.17E-03	126
2.00E 00	2.00E 00	2.25E 00	2.50E 00	9.69E-04	7.85E-04	8.96E-04	9.49E-04	1.03E-03	1.96E-03	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.21E-03	9.98E-04	1.11E-03	1.19E-03	1.27E-03	1.63E-03	142
3.16E 00	3.17E 00	3.55E 00	3.98E 00	1.52E-03	1.23E-03	1.40E-03	1.52E-03	1.62E-03	2.77E-03	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	1.90E-03	1.55E-03	1.75E-03	1.89E-03	2.04E-03	2.75E-03	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	2.40E-03	1.97E-03	2.22E-03	2.36E-03	2.53E-03	4.77E-03	153
6.31E 00	6.31E 00	7.01E 00	7.94E 00	2.94E-03	2.45E-03	2.75E-03	2.93E-03	3.11E-03	4.46E-03	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	3.71E-03	3.12E-03	3.49E-03	3.68E-03	3.91E-03	4.50E-03	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.67E-03	3.95E-03	4.34E-03	4.67E-03	4.96E-03	6.43E-03	112
1.26E 01	1.27E 01	1.42E 01	1.58E 01	5.81E-03	4.89E-03	5.47E-03	5.79E-03	6.10E-03	7.36E-03	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	7.22E-03	6.21E-03	6.78E-03	7.10E-03	7.57E-03	1.21E-02	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	8.99E-03	7.93E-03	8.45E-03	8.98E-03	9.45E-03	1.34E-02	12
2.51E 01	2.52E 01	2.83E 01	3.16E 01	1.13E-02	9.98E-03	1.07E-02	1.13E-02	1.19E-02	1.49E-02	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	1.41E-02	1.22E-02	1.32E-02	1.39E-02	1.49E-02	1.77E-02	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	1.76E-02	1.52E-02	1.68E-02	1.78E-02	1.89E-02	2.33E-02	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	2.18E-02	1.95E-02	2.02E-02	2.14E-02	2.35E-02	2.53E-02	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	2.86E-02	2.51E-02	2.71E-02	2.87E-02	2.98E-02	3.27E-02	25
7.94E 01	7.96E 01	8.71E 01	9.92E 01	3.57E-02	3.07E-02	3.21E-02	3.48E-02	3.88E-02	4.46E-02	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	4.71E-02	3.96E-02	4.45E-02	4.73E-02	5.13E-02	5.28E-02	1
1.26E 02	1.33E 02	1.39E 02	1.51E 02	5.83E-02	5.28E-02	5.30E-02	5.38E-02	5.84E-02	7.81E-02	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	7.14E-02	6.78E-02				7.51E-02	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	9.27E-02	9.27E-02				9.27E-02	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	1.16E-01	1.16E-01				1.16E-01	1

TOTAL N: 2652

TABLE 53. MAJURO ATTENUATION FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	4.71E-04	4.05E-04	4.56E-04	4.77E-04	5.08E-04	5.17E-04	10
1.26E-01	1.38E-01	1.48E-01	1.55E-01	5.99E-04	5.41E-04	5.92E-04	6.04E-04	6.15E-04	6.29E-04	8
1.58E-01	1.63E-01	1.81E-01	1.99E-01	7.57E-04	6.46E-04	7.09E-04	7.49E-04	8.19E-04	8.79E-04	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	9.57E-04	7.98E-04	8.82E-04	9.66E-04	9.87E-04	1.18E-03	14
2.51E-01	2.52E-01	2.84E-01	3.15E-01	1.17E-03	1.01E-03	1.10E-03	1.16E-03	1.24E-03	1.39E-03	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	1.49E-03	1.26E-03	1.41E-03	1.47E-03	1.58E-03	1.67E-03	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	1.88E-03	1.62E-03	1.76E-03	1.87E-03	1.97E-03	2.43E-03	15
5.01E-01	5.02E-01	5.66E-01	6.30E-01	2.43E-03	1.98E-03	2.22E-03	2.36E-03	2.53E-03	4.99E-03	99
6.31E-01	6.32E-01	7.17E-01	7.93E-01	3.15E-03	2.56E-03	2.85E-03	3.03E-03	3.27E-03	5.44E-03	141
7.94E-01	7.95E-01	9.03E-01	1.00E 00	3.99E-03	3.22E-03	3.55E-03	3.79E-03	4.08E-03	7.55E-03	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.86E-03	3.95E-03	4.45E-03	4.79E-03	5.09E-03	7.14E-03	108
1.26E 00	1.26E 00	1.42E 00	1.58E 00	6.26E-03	5.00E-03	5.66E-03	6.06E-03	6.52E-03	1.02E-02	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	8.31E-03	6.28E-03	7.11E-03	7.73E-03	8.86E-03	2.41E-02	126
2.00E 00	2.00E 00	2.25E 00	2.50E 00	1.03E-02	7.90E-03	9.15E-03	9.90E-03	1.09E-02	1.94E-02	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.32E-02	1.00E-02	1.13E-02	1.23E-02	1.41E-02	3.49E-02	162
3.16E 00	3.17E 00	3.55E 00	3.98E 00	1.64E-02	1.26E-02	1.43E-02	1.55E-02	1.72E-02	3.36E-02	174
3.98E 00	3.99E 00	4.48E 00	5.01E 00	2.26E-02	1.63E-02	1.83E-02	1.97E-02	2.31E-02	9.50E-02	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	2.82E-02	2.01E-02	2.28E-02	2.49E-02	2.84E-02	1.15E-01	153
6.31E 00	6.31E 00	7.01E 00	7.94E 00	3.54E-02	2.51E-02	2.84E-02	3.16E-02	3.68E-02	1.35E-01	151
7.94E 00	7.96E 00	8.91E 00	9.99E 00	4.11E-02	3.19E-02	3.62E-02	3.97E-02	4.29E-02	7.27E-02	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	5.81E-02	4.05E-02	4.62E-02	5.01E-02	5.56E-02	2.21E-01	112
1.26E 01	1.27E 01	1.42E 01	1.58E 01	6.67E-02	5.24E-02	5.94E-02	6.42E-02	6.91E-02	1.45E-01	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	8.57E-02	6.55E-02	7.67E-02	8.12E-02	8.80E-02	1.97E-01	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.10E-01	8.45E-02	9.96E-02	1.05E-01	1.19E-01	2.25E-01	123
2.51E 01	2.52E 01	2.83E 01	3.16E 01	1.53E-01	1.10E-01	1.26E-01	1.41E-01	1.59E-01	3.44E-01	86
3.16E 01	3.17E 01	3.52E 01	3.98E 01	1.96E-01	1.39E-01	1.68E-01	1.87E-01	2.06E-01	4.50E-01	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	2.70E-01	1.90E-01	2.27E-01	2.49E-01	2.88E-01	5.12E-01	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	3.42E-01	2.47E-01	2.98E-01	3.29E-01	3.58E-01	6.22E-01	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	4.91E-01	3.27E-01	4.19E-01	4.83E-01	5.44E-01	7.42E-01	25
7.94E 01	7.96E 01	8.71E 01	9.92E 01	6.67E-01	4.19E-01	5.53E-01	6.51E-01	7.50E-01	1.02E 00	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	1.12E 00	7.05E-01	9.14E-01	1.09E 00	1.33E 00	1.56E 00	11
1.26E 02	1.33E 02	1.39E 02	1.51E 02	1.37E 00	9.77E-01	9.78E-01	1.12E 00	1.29E 00	2.74E 00	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	1.67E 00	1.37E 00				1.97E 00	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	1.81E 00	1.81E 00				1.81E 00	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	3.22E 00	3.22E 00				3.22E 00	1

TOTAL N: 2652

TABLE 6A. MAJURO ATTENUATION FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	8.31E-04	7.16E-04	8.03E-04	8.27E-04	8.65E-04	1.03E-03	19
1.26E-01	1.38E-01	1.44E-01	1.55E-01	1.06E-03	9.57E-04	1.02E-03	1.05E-03	1.12E-03	1.16E-03	8
1.58E-01	1.63E-01	1.81E-01	1.93E-01	1.37E-03	1.14E-03	1.27E-03	1.38E-03	1.49E-03	1.56E-03	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	1.77E-03	1.41E-03	1.63E-03	1.75E-03	1.84E-03	2.37E-03	16
2.51E-01	2.52E-01	2.84E-01	3.15E-01	2.11E-03	1.79E-03	1.95E-03	2.05E-03	2.19E-03	2.73E-03	21
3.16E-01	3.17E-01	3.59E-01	3.98E-01	2.73E-03	2.25E-03	2.58E-03	2.68E-03	2.89E-03	3.31E-03	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	3.45E-03	2.94E-03	3.15E-03	3.36E-03	3.59E-03	5.00E-03	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	4.54E-03	3.46E-03	3.96E-03	4.27E-03	4.74E-03	5.15E-02	94
6.31E-01	6.32E-01	7.17E-01	7.94E-01	6.97E-03	4.52E-03	5.12E-03	5.55E-03	6.07E-03	2.22E-02	161
7.94E-01	7.95E-01	9.03E-01	1.00E 00	7.52E-03	5.66E-03	6.56E-03	7.05E-03	7.77E-03	1.74E-02	105
1.00E 00	1.01E 00	1.12E 00	1.26E 00	9.18E-03	7.00E-03	8.09E-03	8.77E-03	9.96E-03	1.47E-02	109
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.19E-02	8.86E-03	1.02E-02	1.12E-02	1.23E-02	2.36E-02	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.61E-02	1.11E-02	1.27E-02	1.45E-02	1.75E-02	4.41E-02	108
2.00E 00	2.00E 00	2.25E 00	2.50E 00	2.02E-02	1.41E-02	1.65E-02	1.86E-02	2.22E-02	4.91E-02	131
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.60E-02	1.81E-02	2.09E-02	2.30E-02	2.85E-02	7.53E-02	102
3.16E 00	3.17E 00	3.55E 00	3.98E 00	3.22E-02	2.25E-02	2.63E-02	2.93E-02	3.56E-02	7.48E-02	179
3.98E 00	3.99E 00	4.48E 00	5.01E 00	4.42E-02	2.89E-02	3.40E-02	3.72E-02	4.79E-02	1.07E-01	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	5.66E-02	3.84E-02	4.22E-02	4.76E-02	5.62E-02	1.53E-01	154
6.31E 00	6.31E 00	7.31E 00	7.94E 00	6.89E-02	4.97E-02	5.31E-02	6.04E-02	7.73E-02	1.63E-01	151
7.94E 00	7.94E 00	8.91E 00	9.99E 00	8.13E-02	5.66E-02	6.82E-02	7.67E-02	9.67E-02	1.66E-01	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	1.13E-01	7.93E-02	8.78E-02	9.76E-02	1.12E-01	1.74E-01	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	1.42E-01	9.66E-02	1.15E-01	1.24E-01	1.34E-01	2.03E-01	125
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.69E-01	1.22E-01	1.40E-01	1.63E-01	1.81E-01	2.33E-01	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	2.23E-01	1.57E-01	1.93E-01	2.12E-01	2.41E-01	2.93E-01	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	3.11E-01	2.16E-01	2.51E-01	2.90E-01	3.36E-01	6.16E-01	96
3.16E 01	3.17E 01	3.57E 01	3.98E 01	3.99E-01	2.72E-01	3.47E-01	3.94E-01	4.37E-01	6.46E-01	94
3.98E 01	3.99E 01	4.51E 01	5.03E 01	5.70E-01	3.71E-01	4.62E-01	5.30E-01	6.25E-01	1.07E 00	64
5.01E 01	5.02E 01	5.64E 01	6.27E 01	7.35E-01	4.96E-01	6.33E-01	7.07E-01	7.76E-01	1.27E 00	54
6.31E 01	6.32E 01	7.14E 01	7.89E 01	1.05E 00	6.78E-01	9.21E-01	1.06E 00	1.20E 00	1.69E 00	26
7.94E 01	7.94E 01	8.71E 01	9.92E 01	1.42E 00	8.84E-01	1.21E 00	1.39E 00	1.66E 00	2.37E 00	14
1.00E 02	1.02E 02	1.13E 02	1.24E 02	2.32E 00	1.58E 00	1.96E 00	2.15E 00	2.63E 00	2.93E 00	11
1.26E 02	1.33E 02	1.39E 02	1.51E 02	2.77E 00	2.16E 00	2.22E 00	2.95E 00	2.79E 00	4.45E 00	5
1.58E 02	1.71E 02	1.74E 02	1.77E 02	3.52E 00	3.04E 00				4.30E 00	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	4.00E 00	4.00E 00				4.30E 00	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	6.28E 00	6.28E 00				6.28E 00	1

TOTAL N: 2652

TABLE 6 - MAJURO ATTENUATION FOR 1.67 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	3.37E-03	2.80E-03	3.09E-03	3.29E-03	3.47E-03	4.05E-03	11
1.26E-01	1.38E-01	1.44E-01	1.55E-01	4.37E-03	3.73E-03	3.93E-03	4.73E-03	4.77E-03	5.43E-03	8
1.58E-01	1.63E-01	1.81E-01	1.93E-01	5.90E-03	4.33E-03	5.04E-03	5.99E-03	6.91E-03	7.16E-03	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	7.96E-03	5.88E-03	6.55E-03	7.86E-03	8.47E-03	1.16E-02	16
2.51E-01	2.52E-01	2.84E-01	3.15E-01	8.87E-03	6.66E-03	7.51E-03	8.69E-03	9.83E-03	1.35E-02	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	1.21E-02	9.64E-03	1.05E-02	1.15E-02	1.35E-02	1.64E-02	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	1.51E-02	1.07E-02	1.29E-02	1.42E-02	1.60E-02	2.60E-02	35
5.01E-01	5.02E-01	5.66E-01	6.30E-01	2.00E-02	1.38E-02	1.66E-02	1.83E-02	2.15E-02	3.66E-02	94
6.31E-01	6.32E-01	7.17E-01	7.94E-01	2.61E-02	1.79E-02	2.20E-02	2.46E-02	2.92E-02	4.82E-02	161
7.94E-01	7.95E-01	9.03E-01	1.00E 00	3.34E-02	2.19E-02	2.77E-02	3.08E-02	3.79E-02	5.92E-02	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.13E-02	2.74E-02	3.36E-02	4.05E-02	4.77E-02	8.64E-02	109
1.26E 00	1.26E 00	1.42E 00	1.58E 00	5.29E-02	3.46E-02	4.25E-02	4.99E-02	5.89E-02	9.49E-02	132
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.02E-02	4.37E-02	5.26E-02	6.66E-02	8.32E-02	1.23E-01	108
2.00E 00	2.00E 00	2.25E 00	2.53E 00	9.09E-02	5.80E-02	7.21E-02	8.60E-02	1.08E-01	1.61E-01	131
2.51E 00	2.52E 00	2.82E 00	3.15E 00	1.15E-01	7.13E-02	8.85E-02	1.08E-01	1.33E-01	2.06E-01	102
3.16E 00	3.17E 00	3.55E 00	3.98E 00	1.45E-01	8.96E-02	1.12E-01	1.38E-01	1.72E-01	2.61E-01	179
3.98E 00	3.99E 00	4.48E 00	5.01E 00	1.81E-01	1.10E-01	1.52E-01	1.73E-01	2.31E-01	3.25E-01	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	2.37E-01	1.44E-01	1.93E-01	2.25E-01	2.72E-01	4.37E-01	154
6.31E 00	6.31E 00	7.01E 00	7.94E 00	3.03E-01	1.93E-01	2.39E-01	2.85E-01	3.56E-01	6.83E-01	151
7.94E 00	7.94E 00	8.91E 00	9.99E 00	3.73E-01	2.33E-01	3.19E-01	3.58E-01	4.14E-01	6.16E-01	127
1.00E 01	1.00E 01	1.12E 01	1.25E 01	4.89E-01	3.15E-01	4.03E-01	4.81E-01	5.29E-01	9.32E-01	112
1.26E 01	1.27E 01	1.42E 01	1.56E 01	6.14E-01	4.17E-01	5.33E-01	6.01E-01	6.70E-01	9.76E-01	125
1.58E 01	1.59E 01	1.77E 01	1.97E 01	8.03E-01	5.57E-01	7.29E-01	7.95E-01	8.66E-01	1.13E 00	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.06E 00	7.17E-01	9.31E-01	1.03E 00	1.16E 00	1.60E 00	120
2.51E 01	2.52E 01	2.83E 01	3.16E 01	1.42E 00	1.05E 00	1.23E 00	1.41E 00	1.57E 00	1.92E 00	96
3.16E 01	3.17E 01	3.52E 01	3.93E 01	1.84E 00	1.32E 00	1.69E 00	1.86E 00	1.99E 00	2.37E 00	64
3.98E 01	3.99E 01	4.51E 01	5.00E 01	2.51E 00	1.81E 00	2.29E 00	2.47E 00	2.73E 00	3.36E 00	64
5.01E 01	5.02E 01	5.64E 01	6.27E 01	3.21E 00	2.40E 00	2.93E 00	3.20E 00	3.47E 00	4.24E 00	54
6.31E 01	6.32E 01	7.14E 01	7.89E 01	4.27E 00	3.44E 00	3.95E 00	4.36E 00	4.55E 00	5.15E 00	26
7.94E 01	7.96E 01	8.71E 01	9.92E 01	5.44E 00	4.03E 00	5.07E 00	5.42E 00	5.82E 00	6.56E 00	14
1.00E 02	1.02E 02	1.13E 02	1.24E 02	7.58E 00	6.63E 00	6.63E 00	7.71E 00	8.08E 00	8.66E 00	11
1.26E 02	1.33E 02	1.39E 02	1.51E 02	9.34E 00	8.54E 00	8.71E 00	9.07E 00	9.75E 00	1.09E 01	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	1.16E 01	1.11E 01				1.21E 01	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	1.51E 01	1.51E 01				1.51E 01	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	1.86E 01	1.86E 01				1.86E 01	1

TOTAL N: 2652

TABLE 66. MAJURO ATTENUATION FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	2.26E-02	1.64E-02	2.08E-02	2.22E-02	2.39E-02	2.90E-02	17
1.26E-01	1.38E-01	1.48E-01	1.55E-01	3.01E-02	2.44E-02	2.70E-02	2.94E-02	3.19E-02	3.63E-02	9
1.58E-01	1.63E-01	1.81E-01	1.99E-01	3.97E-02	2.76E-02	3.41E-02	4.18E-02	4.61E-02	4.83E-02	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	5.15E-02	4.00E-02	4.58E-02	5.12E-02	5.70E-02	6.50E-02	16
2.51E-01	2.52E-01	2.84E-01	3.15E-01	5.96E-02	4.26E-02	5.12E-02	6.10E-02	6.44E-02	8.13E-02	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	7.98E-02	6.50E-02	7.04E-02	7.91E-02	8.78E-02	9.71E-02	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	1.00E-01	6.63E-02	9.11E-02	9.82E-02	1.06E-01	1.42E-01	95
5.01E-01	5.02E-01	5.66E-01	6.30E-01	1.28E-01	9.37E-02	1.16E-01	1.25E-01	1.47E-01	1.78E-01	98
6.31E-01	6.32E-01	7.17E-01	7.93E-01	1.65E-01	1.14E-01	1.50E-01	1.64E-01	1.79E-01	2.09E-01	101
7.94E-01	7.95E-01	9.03E-01	1.00E 00	2.09E-01	1.48E-01	1.90E-01	2.07E-01	2.24E-01	2.72E-01	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	2.60E-01	1.76E-01	2.30E-01	2.44E-01	2.86E-01	3.36E-01	103
1.26E 00	1.26E 00	1.42E 00	1.58E 00	3.28E-01	2.40E-01	2.93E-01	3.29E-01	3.59E-01	4.33E-01	102
1.58E 00	1.59E 00	1.78E 00	1.99E 00	4.19E-01	2.96E-01	3.61E-01	4.29E-01	4.68E-01	5.37E-01	106
2.00E 00	2.00E 00	2.25E 00	2.50E 00	5.40E-01	3.84E-01	4.87E-01	5.38E-01	5.93E-01	7.79E-01	101
2.51E 00	2.52E 00	2.82E 00	3.16E 00	6.82E-01	4.98E-01	6.12E-01	6.81E-01	7.52E-01	9.99E-01	102
3.16E 00	3.17E 00	3.55E 00	3.98E 00	8.63E-01	6.14E-01	7.81E-01	8.63E-01	9.42E-01	1.10E 00	104
3.98E 00	3.99E 00	4.48E 00	5.01E 00	1.09E 00	7.14E-01	1.01E 00	1.10E 00	1.18E 00	1.40E 00	102
5.01E 00	5.03E 00	5.63E 00	6.30E 00	1.37E 00	9.77E-01	1.25E 00	1.39E 00	1.49E 00	1.72E 00	103
6.31E 00	6.31E 00	7.01E 00	7.94E 00	1.74E 00	1.31E 00	1.59E 00	1.74E 00	1.87E 00	2.11E 00	101
7.94E 00	7.96E 00	8.91E 00	9.99E 00	2.22E 00	1.62E 00	2.07E 00	2.24E 00	2.38E 00	2.84E 00	103
1.00E 01	1.00E 01	1.12E 01	1.25E 01	2.78E 00	2.18E 00	2.60E 00	2.78E 00	2.96E 00	3.53E 00	102
1.26E 01	1.27E 01	1.42E 01	1.58E 01	3.62E 00	2.92E 00	3.40E 00	3.62E 00	3.84E 00	4.23E 00	105
1.58E 01	1.59E 01	1.77E 01	1.99E 01	4.61E 00	3.59E 00	4.36E 00	4.59E 00	4.90E 00	5.61E 00	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	5.93E 00	4.95E 00	5.60E 00	5.92E 00	6.32E 00	6.93E 00	103
2.51E 01	2.52E 01	2.83E 01	3.16E 01	7.55E 00	5.58E 00	7.03E 00	7.48E 00	8.04E 00	8.91E 00	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	9.53E 00	8.30E 00	9.06E 00	9.44E 00	9.97E 00	1.13E 01	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	1.23E 01	1.11E 01	1.17E 01	1.21E 01	1.29E 01	1.39E 01	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	1.52E 01	1.25E 01	1.42E 01	1.50E 01	1.66E 01	1.76E 01	54
6.31E 01	6.53E 01	7.14E 01	7.89E 01	1.92E 01	1.74E 01	1.85E 01	1.89E 01	1.98E 01	2.18E 01	26
7.94E 01	7.96E 01	8.71E 01	9.92E 01	2.31E 01	2.04E 01	2.20E 01	2.29E 01	2.38E 01	2.63E 01	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	2.84E 01	2.60E 01	2.65E 01	2.80E 01	3.37E 01	3.14E 01	10
1.26E 02	1.33E 02	1.39E 02	1.51E 02	3.57E 01	3.01E 01	3.44E 01	3.66E 01	3.79E 01	3.83E 01	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	4.44E 01	4.34E 01				4.55E 01	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	6.30E 01	6.30E 01				6.35E 01	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	8.69E 01	8.69E 01				8.69E 01	1

TOTAL N: 2452

TABLE 67. MAJURO ATTENUATION FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.12E-01	1.22E-01	1.03E-01	8.04E-02	9.85E-02	1.05E-01	1.14E-01	1.23E-01	17
1.26E-01	1.38E-01	1.48E-01	1.55E-01	1.39E-01	1.23E-01	1.30E-01	1.41E-01	1.47E-01	1.53E-01	9
1.58E-01	1.63E-01	1.81E-01	1.99E-01	1.59E-01	1.40E-01	1.49E-01	1.60E-01	1.64E-01	1.82E-01	16
2.00E-01	2.01E-01	2.30E-01	2.50E-01	2.01E-01	1.60E-01	1.71E-01	2.00E-01	2.25E-01	2.48E-01	16
2.51E-01	2.52E-01	2.84E-01	3.15E-01	2.59E-01	1.99E-01	2.37E-01	2.67E-01	2.77E-01	3.39E-01	27
3.16E-01	3.17E-01	3.59E-01	3.98E-01	3.13E-01	2.12E-01	2.72E-01	3.16E-01	3.49E-01	3.98E-01	22
3.98E-01	4.00E-01	4.51E-01	5.01E-01	3.93E-01	2.63E-01	3.52E-01	4.03E-01	4.42E-01	5.13E-01	95
5.01E-01	5.02E-01	5.66E-01	6.30E-01	4.79E-01	2.57E-01	4.41E-01	4.92E-01	5.29E-01	6.22E-01	98
6.31E-01	6.32E-01	7.17E-01	7.93E-01	5.92E-01	2.67E-01	5.24E-01	6.02E-01	6.63E-01	7.35E-01	101
7.94E-01	7.95E-01	9.03E-01	1.00E 00	7.42E-01	4.11E-01	6.43E-01	7.09E-01	8.64E-01	9.69E-01	105
1.00E 00	1.01E 00	1.12E 00	1.25E 00	9.19E-01	5.47E-01	7.95E-01	9.32E-01	1.04E 00	1.23E 00	103
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.17E 00	5.58E-01	9.98E-01	1.21E 00	1.33E 00	1.57E 00	102
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.40E 00	6.52E-01	1.18E 00	1.43E 00	1.64E 00	1.95E 00	106
2.00E 00	2.00E 00	2.25E 00	2.50E 00	1.72E 00	6.93E-01	1.32E 00	1.75E 00	2.06E 00	2.43E 00	101
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.13E 00	7.88E-01	1.75E 00	2.17E 00	2.52E 00	3.17E 00	103
3.16E 00	3.17E 00	3.55E 00	3.98E 00	2.71E 00	1.24E 00	2.12E 00	2.91E 00	3.21E 00	3.99E 00	104
3.98E 00	3.99E 00	4.48E 00	5.01E 00	3.29E 00	1.49E 00	2.51E 00	3.38E 00	4.04E 00	4.77E 00	102
5.01E 00	5.03E 00	5.63E 00	6.30E 00	4.16E 00	1.68E 00	3.47E 00	4.27E 00	4.93E 00	6.23E 00	103
6.31E 00	6.31E 00	7.01E 00	7.94E 00	5.06E 00	2.32E 00	3.90E 00	5.27E 00	6.09E 00	7.66E 00	101
7.94E 00	7.96E 00	8.91E 00	9.99E 00	6.55E 00	3.13E 00	5.86E 00	6.62E 00	7.41E 00	9.41E 00	104
1.00E 01	1.00E 01	1.12E 01	1.25E 01	7.92E 00	3.57E 00	6.87E 00	8.32E 00	9.28E 00	1.15E 01	102
1.26E 01	1.27E 01	1.42E 01	1.58E 01	9.97E 00	4.66E 00	9.00E 00	1.00E 01	1.11E 01	1.34E 01	105
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.18E 01	7.93E 00	1.05E 01	1.19E 01	1.30E 01	1.72E 01	102
2.00E 01	2.00E 01	2.24E 01	2.51E 01	1.44E 01	8.51E 00	1.31E 01	1.44E 01	1.56E 01	2.14E 01	103
2.51E 01	2.52E 01	2.83E 01	3.16E 01	1.69E 01	9.98E 00	1.54E 01	1.72E 01	1.83E 01	2.42E 01	84
3.16E 01	3.17E 01	3.52E 01	3.98E 01	1.98E 01	1.44E 01	1.80E 01	1.98E 01	2.15E 01	2.67E 01	84
3.98E 01	3.99E 01	4.51E 01	5.00E 01	2.33E 01	1.40E 01	2.07E 01	2.32E 01	2.58E 01	3.43E 01	63
5.01E 01	5.02E 01	5.54E 01	6.27E 01	2.69E 01	2.00E 01	2.50E 01	2.66E 01	2.96E 01	3.42E 01	54
6.31E 01	6.53E 01	7.14E 01	7.99E 01	3.31E 01	2.61E 01	3.06E 01	3.27E 01	3.56E 01	4.24E 01	26
7.94E 01	7.96E 01	8.71E 01	9.92E 01	3.73E 01	2.77E 01	3.28E 01	3.60E 01	4.16E 01	5.22E 01	33
1.00E 02	1.02E 02	1.13E 02	1.24E 02	4.11E 01	3.44E 01	3.69E 01	3.96E 01	4.40E 01	5.66E 01	10
1.26E 02	1.33E 02	1.39E 02	1.51E 02	5.15E 01	4.49E 01	4.76E 01	5.36E 01	5.41E 01	5.56E 01	6
1.58E 02	1.71E 02	1.74E 02	1.77E 02	6.37E 01	6.10E 01				6.64E 01	2
2.00E 02	2.34E 02	2.34E 02	2.34E 02	9.31E 01	9.31E 01				9.31E 01	1
2.51E 02	2.70E 02	2.70E 02	2.70E 02	9.21E 01	9.21E 01				9.21E 01	1

TOTAL N: 2652

TABLE 68. MAJURO RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (1/M)	MIN ETA (1/M)	MEAN ETA (1/M)	MAX ETA (1/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-11	1.18E-11	1.19E-11	1.19E-11	6.07E-02	6.07E-02				6.07E-02	1
1.26E-11	1.26E-11	1.26E-11	1.26E-11	5.06E-02	5.06E-02				5.06E-02	1
1.58E-11	1.79E-11	1.79E-11	1.91E-11	7.90E-02	5.70E-02				1.01E-01	2
2.00E-11										
2.51E-11	2.47E-11	2.47E-11	2.47E-11	9.29E-02	9.29E-02				9.29E-02	1
3.16E-11	3.35E-11	3.69E-11	4.49E-11	1.39E-01	8.55E-02	9.97E-02	1.42E-01	1.77E-01	1.85E-01	4
3.98E-11	4.03E-11	4.56E-11	4.46E-11	1.22E-01	1.00E-01	1.01E-01	1.19E-01	1.44E-01	1.49E-01	5
5.01E-11	5.31E-11	5.44E-11	5.63E-11	1.23E-01	1.04E-01	1.08E-01	1.15E-01	1.32E-01	1.43E-01	5
6.31E-11	6.36E-11	6.77E-11	7.75E-11	1.73E-01	1.20E-01	1.42E-01	1.93E-01	2.09E-01	2.56E-01	8
7.94E-11	8.03E-11	8.48E-11	1.00E-10	2.44E-01	1.65E-01	1.91E-01	2.40E-01	2.86E-01	4.00E-01	12
1.00E-10	1.01E-10	1.10E-10	1.25E-10	2.44E-01	1.15E-01	1.60E-01	2.48E-01	3.02E-01	3.94E-01	11
1.26E-10	1.26E-10	1.40E-10	1.58E-10	3.44E-01	1.68E-01	2.11E-01	3.09E-01	4.59E-01	6.97E-01	23
1.58E-10	1.59E-10	1.75E-10	1.99E-10	3.37E-01	1.90E-01	2.38E-01	2.99E-01	3.91E-01	6.12E-01	28
1.99E-10	2.00E-10	2.24E-10	2.48E-10	5.34E-01	2.61E-01	4.02E-01	5.24E-01	6.80E-01	9.71E-01	32
2.51E-10	2.53E-10	2.86E-10	3.16E-10	5.74E-01	2.44E-01	4.59E-01	5.37E-01	6.20E-01	1.11E 00	48
3.16E-10	3.17E-10	3.55E-10	3.94E-10	6.90E-01	2.43E-01	5.21E-01	6.62E-01	7.92E-01	1.48E 00	49
3.98E-10	3.99E-10	4.50E-10	5.01E-10	7.92E-01	3.36E-01	5.99E-01	8.93E-01	9.68E-01	1.52E 00	70
5.01E-10	5.03E-10	5.69E-10	6.30E-10	9.47E-01	4.10E-01	7.13E-01	9.65E-01	1.16E 00	1.95E 00	90
6.31E-10	6.32E-10	7.15E-10	7.94E-10	1.12E 00	5.01E-01	7.43E-01	1.01E 00	1.43E 00	2.35E 00	96
7.94E-10	8.03E-10	8.91E-10	1.00E-09	1.27E 00	5.42E-01	9.03E-01	1.24E 00	1.51E 00	2.73E 00	91
1.00E-09	1.01E-09	1.12E-09	1.25E-09	1.64E 00	5.62E-01	1.09E 00	1.54E 00	2.07E 00	3.47E 00	95
1.26E-09	1.26E-09	1.41E-09	1.58E-09	1.90E 00	5.22E-01	1.26E 00	1.74E 00	2.46E 00	3.91E 00	107
1.58E-09	1.59E-09	1.77E-09	1.99E-09	2.44E 00	6.28E-01	1.80E 00	2.48E 00	3.06E 00	4.85E 00	112
2.00E-09	2.00E-09	2.27E-09	2.51E-09	2.79E 00	8.84E-01	1.92E 00	2.65E 00	3.62E 00	5.68E 00	110
2.51E-09	2.52E-09	2.84E-09	3.16E-09	3.40E 00	9.97E-01	2.37E 00	3.42E 00	4.17E 00	6.26E 00	116
3.16E-09	3.17E-09	3.58E-09	3.98E-09	3.98E 00	7.32E-01	2.71E 00	3.84E 00	4.96E 00	7.96E 00	143
3.98E-09	3.99E-09	4.48E-09	5.00E-09	4.68E 00	1.78E 00	3.06E 00	4.52E 00	6.06E 00	9.67E 00	129
5.01E-09	5.02E-09	5.63E-09	6.30E-09	5.06E 00	1.71E 00	3.48E 00	5.72E 00	7.16E 00	1.17E 01	119
6.31E-09	6.32E-09	7.10E-09	7.93E-09	6.02E 00	1.77E 00	4.89E 00	6.39E 00	8.33E 00	1.14E 01	121
7.94E-09	7.95E-09	8.92E-09	9.97E-09	7.97E 00	1.82E 00	5.90E 00	8.23E 00	9.91E 00	1.47E 01	106
1.00E-08	1.00E-08	1.12E-08	1.25E-08	9.62E 00	2.72E 00	6.54E 00	9.55E 00	1.21E 01	1.76E 01	120
1.26E-08	1.26E-08	1.41E-08	1.58E-08	1.16E 01	3.03E 00	8.69E 00	1.25E 01	1.49E 01	2.10E 01	102
1.58E-08	1.59E-08	1.77E-08	1.99E-08	1.36E 01	4.45E 00	8.58E 00	1.44E 01	1.79E 01	2.51E 01	127
2.00E-08	2.00E-08	2.24E-08	2.51E-08	1.73E 01	5.10E 00	1.55E 01	1.79E 01	2.04E 01	2.85E 01	82
2.51E-08	2.52E-08	2.81E-08	3.16E-08	2.02E 01	5.13E 00	1.72E 01	2.15E 01	2.42E 01	2.91E 01	97
3.16E-08	3.17E-08	3.55E-08	3.98E-08	2.32E 01	1.02E 01	2.00E 01	2.37E 01	2.72E 01	3.74E 01	63
3.98E-08	4.61E-08	4.47E-08	5.31E-08	2.68E 01	4.12E 00	2.33E 01	2.85E 01	3.16E 01	4.32E 01	65
5.01E-08	5.03E-08	5.60E-08	6.25E-08	3.38E 01	1.23E 01	3.10E 01	3.40E 01	3.74E 01	4.41E 01	54
6.31E-08	6.33E-08	7.03E-08	7.85E-08	3.86E 01	6.55E 00	3.41E 01	3.86E 01	4.45E 01	5.24E 01	47
7.94E-08	7.59E-08	8.91E-08	9.97E-08	4.44E 01	5.90E 00	4.23E 01	4.65E 01	5.17E 01	6.17E 01	40
1.00E-07	1.00E-07	1.12E-07	1.25E-07	4.95E 01	1.96E 01	4.34E 01	5.08E 01	5.70E 01	6.73E 01	40
1.26E-07	1.26E-07	1.40E-07	1.56E-07	5.52E 01	2.52E 01	4.83E 01	5.69E 01	6.54E 01	7.36E 01	33
1.58E-07	1.59E-07	1.81E-07	1.99E-07	6.72E 01	1.65E 01	5.80E 01	7.37E 01	8.00E 01	8.97E 01	21
2.00E-07	2.00E-07	2.24E-07	2.51E-07	7.99E 01	5.31E 01	7.24E 01	8.11E 01	8.75E 01	9.42E 01	19
2.51E-07	2.52E-07	2.80E-07	3.13E-07	8.71E 01	7.17E 01	8.07E 01	8.76E 01	9.55E 01	1.02E 02	13
3.16E-07	3.33E-07	3.61E-07	3.73E-07	1.14E 02	8.62E 01	9.26E 01	1.16E 02	1.35E 02	1.37E 02	9
3.98E-07	4.10E-07	4.07E-07	4.97E-07	1.11E 02	8.72E 01	9.23E 01	1.10E 02	1.27E 02	1.45E 02	8
5.01E-07	5.10E-07	5.04E-07	6.13E-07	1.36E 02	1.13E 02				1.71E 02	3
6.31E-07	6.76E-07	7.07E-07	7.94E-07	2.05E 02	1.77E 02				2.34E 02	2
7.94E-07										
1.00E-06	1.10E-06	1.15E-06	1.27E-06	2.10E 02	1.91E 02				2.73E 02	2

TOTAL N: 2698

TABLE [illegible]. MAJURO RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
3.98E-10	4.56E-10	4.74E-10	4.93E-10	5.56E-02	5.06E-02				6.07E-02	2
5.01E-10										
6.31E-10	6.79E-10	6.86E-10	6.94E-10	7.90E-02	5.70E-02				1.01E-01	2
7.94E-10										
1.00E-09	1.14E-09	1.14E-09	1.14E-09	9.29E-02	9.29E-02				9.29E-02	1
1.26E-09	1.30E-09	1.45E-09	1.55E-09	1.39E-01	8.55E-02	1.07E-01	1.42E-01	1.74E-01	1.85E-01	5
1.58E-09	1.63E-09	1.78E-09	1.87E-09	1.17E-01	1.00E-01	1.01E-01	1.10E-01	1.34E-01	1.49E-01	4
2.00E-09	2.02E-09	2.27E-09	2.49E-09	1.43E-01	1.04E-01	1.15E-01	1.30E-01	1.55E-01	2.54E-01	10
2.51E-09	2.60E-09	2.94E-09	3.09E-09	2.11E-01	1.52E-01	1.67E-01	2.07E-01	2.52E-01	2.84E-01	6
3.16E-09	3.28E-09	3.59E-09	3.89E-09	2.50E-01	1.69E-01	2.01E-01	2.51E-01	2.89E-01	4.30E-01	10
3.98E-09	4.24E-09	4.62E-09	4.97E-09	2.50E-01	1.15E-01	1.63E-01	2.48E-01	3.26E-01	4.15E-01	13
5.01E-09	5.07E-09	5.78E-09	6.24E-09	3.42E-01	1.78E-01	2.11E-01	3.07E-01	4.59E-01	6.97E-01	27
6.31E-09	6.32E-09	7.10E-09	7.81E-09	4.20E-01	2.07E-01	2.84E-01	3.75E-01	5.55E-01	7.79E-01	22
7.94E-09	7.90E-09	8.94E-09	1.00E-08	5.12E-01	2.81E-01	3.83E-01	4.87E-01	6.85E-01	1.00E 00	34
1.00E-08	1.02E-08	1.14E-08	1.25E-08	5.94E-01	2.43E-01	4.84E-01	5.53E-01	6.75E-01	1.16E 00	53
1.26E-08	1.26E-08	1.43E-08	1.58E-08	6.84E-01	3.08E-01	5.23E-01	6.24E-01	7.87E-01	1.48E 00	41
1.58E-08	1.59E-08	1.80E-08	1.99E-08	8.41E-01	3.56E-01	6.05E-01	7.34E-01	1.04E 00	1.57E 00	82
2.00E-08	2.00E-08	2.23E-08	2.49E-08	9.83E-01	4.70E-01	7.38E-01	9.00E-01	1.13E 00	1.95E 00	79
2.51E-08	2.52E-08	2.83E-08	3.16E-08	1.13E 00	5.61E-01	7.66E-01	1.02E 00	1.44E 00	2.35E 00	108
3.16E-08	3.17E-08	3.58E-08	3.97E-08	1.38E 00	5.62E-01	9.54E-01	1.29E 00	1.57E 00	2.99E 00	92
3.98E-08	3.99E-08	4.46E-08	5.01E-08	1.66E 00	5.22E-01	1.09E 00	1.51E 00	2.14E 00	3.47E 00	94
5.01E-08	5.02E-08	5.59E-08	6.30E-08	2.06E 00	6.28E-01	1.36E 00	2.03E 00	2.69E 00	3.91E 00	106
6.31E-08	6.31E-08	7.06E-08	7.88E-08	2.47E 00	7.56E-01	1.67E 00	2.42E 00	3.19E 00	4.85E 00	114
7.94E-08	7.95E-08	8.95E-08	9.99E-08	2.89E 00	9.09E-01	1.99E 00	2.67E 00	3.70E 00	5.68E 00	109
1.00E-07	1.00E-07	1.12E-07	1.25E-07	3.48E 00	7.32E-01	2.54E 00	3.50E 00	4.46E 00	6.26E 00	127
1.26E-07	1.26E-07	1.41E-07	1.58E-07	4.26E 00	1.40E 00	2.96E 00	4.12E 00	5.40E 00	8.99E 00	146
1.58E-07	1.59E-07	1.78E-07	1.99E-07	4.93E 00	1.71E 00	3.27E 00	4.96E 00	6.32E 00	9.67E 00	129
2.00E-07	2.00E-07	2.25E-07	2.51E-07	5.97E 00	1.77E 00	4.01E 00	5.93E 00	7.42E 00	1.18E 01	123
2.51E-07	2.52E-07	2.82E-07	3.16E-07	7.11E 00	1.82E 00	5.38E 00	7.49E 00	8.80E 00	1.33E 01	112
3.16E-07	3.17E-07	3.54E-07	3.98E-07	8.24E 00	2.72E 00	5.62E 00	9.69E 00	1.06E 01	1.43E 01	115
3.98E-07	3.99E-07	4.45E-07	5.01E-07	1.05E 01	3.03E 00	7.65E 00	1.07E 01	1.34E 01	1.76E 01	115
5.01E-07	5.02E-07	5.67E-07	6.30E-07	1.19E 01	4.47E 00	8.54E 00	1.29E 01	1.45E 01	2.13E 01	107
6.31E-07	6.31E-07	7.08E-07	7.92E-07	1.56E 01	5.93E 00	1.40E 01	1.61E 01	1.81E 01	2.51E 01	92
7.94E-07	7.58E-07	8.89E-07	9.86E-07	1.82E 01	4.45E 00	1.61E 01	1.86E 01	2.12E 01	2.85E 01	84
1.00E-06	1.01E-06	1.12E-06	1.25E-06	2.17E 01	5.13E 00	1.92E 01	2.23E 01	2.54E 01	3.23E 01	91
1.26E-06	1.27E-06	1.42E-06	1.58E-06	2.57E 01	1.06E 01	2.33E 01	2.64E 01	2.92E 01	3.74E 01	54
1.58E-06	1.59E-06	1.77E-06	1.99E-06	3.07E 01	1.20E 01	2.71E 01	3.13E 01	3.44E 01	4.73E 01	65
2.00E-06	2.03E-06	2.25E-06	2.51E-06	3.67E 01	2.09E 01	3.29E 01	3.84E 01	3.96E 01	5.21E 01	43
2.51E-06	2.55E-06	2.79E-06	3.13E-06	4.02E 01	6.67E 00	3.56E 01	4.40E 01	4.75E 01	5.99E 01	42
3.16E-06	3.18E-06	3.55E-06	3.97E-06	4.84E 01	6.10E 00	4.37E 01	5.05E 01	5.47E 01	6.73E 01	43
3.98E-06	4.06E-06	4.46E-06	4.97E-06	5.10E 01	4.12E 00	4.50E 01	5.22E 01	6.04E 01	7.96E 01	34
5.01E-06	5.12E-06	5.66E-06	6.30E-06	6.14E 01	1.25E 01	5.59E 01	6.40E 01	7.39E 01	8.64E 01	27
6.31E-06	6.32E-06	7.19E-06	7.86E-06	6.78E 01	6.55E 00	5.23E 01	7.31E 01	8.13E 01	9.54E 01	26
7.94E-06	8.06E-06	8.99E-06	9.88E-06	7.54E 01	5.90E 00	7.37E 01	8.12E 01	9.50E 01	1.02E 02	14
1.00E-05	1.01E-05	1.11E-05	1.25E-05	6.80E 01	1.96E 01	5.28E 01	7.88E 01	9.76E 01	1.06E 02	8
1.26E-05	1.26E-05	1.33E-05	1.45E-05	8.95E 01	3.47E 01	4.66E 01	9.00E 01	1.32E 02	1.37E 02	11
1.59E-05	1.63E-05	1.75E-05	1.91E-05	1.07E 02	1.65E 01	9.00E 01	1.11E 02	1.30E 02	1.71E 02	11
2.00E-05	2.04E-05	2.20E-05	2.37E-05	1.36E 02	9.06E 01	9.36E 01	1.10E 02	1.78E 02	2.34E 02	4
2.51E-05	2.68E-05	2.81E-05	2.92E-05	1.26E 02	8.87E 01				1.77E 02	3
3.16E-05	3.40E-05	3.40E-05	3.40E-05	8.72E 01	8.72E 01				8.72E 01	1
3.98E-05	4.81E-05	4.81E-05	4.81E-05	2.70E 02	2.70E 02				2.70E 02	1
5.01E-05										
6.31E-05	6.44E-05	6.44E-05	6.44E-05	1.51E 02	1.51E 02				1.51E 02	1

TOTAL N: 2654

TABLE [illegible]. PAJURO RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25TILE R (MM/HR)	50TILE R (MM/HR)	75TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-09	1.16E-09	1.19E-09	1.23E-09	9.56E-02	9.06E-02				6.07E-02	2
1.26E-09										
1.58E-09	1.65E-09	1.66E-09	1.66E-09	7.60E-02	5.70E-02				1.01E-01	2
2.00E-09										
2.51E-09	2.76E-09	2.95E-09	3.14E-09	1.31E-01	9.29E-02				1.70E-01	2
3.16E-09	3.47E-09	3.67E-09	3.99E-09	1.29E-01	8.55E-02	1.07E-01	1.19E-01	1.53E-01	1.85E-01	5
3.98E-09	4.32E-09	4.62E-09	4.93E-09	1.16E-01	1.00E-01	1.01E-01	1.09E-01	1.29E-01	1.49E-01	5
5.01E-09	5.66E-09	5.72E-09	6.38E-09	1.61E-01	1.04E-01	1.19E-01	1.47E-01	1.85E-01	2.56E-01	9
6.31E-09	6.92E-09	7.38E-09	7.89E-09	2.19E-01	1.52E-01	1.67E-01	2.07E-01	2.84E-01	2.95E-01	6
7.94E-09	8.14E-09	8.77E-09	9.41E-09	2.45E-01	1.65E-01	1.95E-01	2.47E-01	2.71E-01	4.30E-01	9
1.00E-08	1.02E-08	1.13E-08	1.25E-08	2.81E-01	1.15E-01	1.74E-01	2.58E-01	3.49E-01	4.15E-01	15
1.26E-08	1.26E-08	1.43E-08	1.57E-08	3.44E-01	1.78E-01	2.49E-01	3.08E-01	4.61E-01	6.97E-01	30
1.58E-08	1.61E-08	1.80E-08	1.98E-08	4.50E-01	2.07E-01	2.91E-01	5.02E-01	5.74E-01	7.74E-01	21
2.00E-08	2.00E-08	2.22E-08	2.49E-08	5.15E-01	2.44E-01	3.65E-01	4.56E-01	6.91E-01	1.03E 00	34
2.51E-08	2.53E-08	2.82E-08	3.10E-08	6.08E-01	2.43E-01	5.04E-01	5.42E-01	6.85E-01	1.48E 00	54
3.16E-08	3.17E-08	3.60E-08	3.96E-08	6.83E-01	3.34E-01	5.28E-01	6.50E-01	7.86E-01	1.45E 00	52
3.98E-08	4.01E-08	4.49E-08	5.00E-08	8.79E-01	4.10E-01	6.42E-01	8.30E-01	1.09E 00	1.57E 00	85
5.01E-08	5.02E-08	5.61E-08	6.26E-08	9.93E-01	4.70E-01	7.27E-01	8.96E-01	1.16E 00	1.95E 00	84
6.31E-08	6.32E-08	7.06E-08	7.72E-08	1.16E 00	5.01E-01	8.06E-01	1.09E 00	1.45E 00	2.35E 00	107
7.94E-08	7.65E-08	9.06E-08	1.03E-07	1.43E 00	5.62E-01	1.02E 00	1.34E 00	1.67E 00	2.99E 00	100
1.00E-07	1.01E-07	1.13E-07	1.25E-07	1.72E 00	5.22E-01	1.10E 00	1.52E 00	2.26E 00	3.47E 00	85
1.26E-07	1.26E-07	1.41E-07	1.58E-07	2.22E 00	9.55E-01	1.49E 00	2.21E 00	2.82E 00	4.16E 00	113
1.58E-07	1.59E-07	1.77E-07	1.99E-07	2.54E 00	6.28E-01	1.82E 00	2.47E 00	3.27E 00	5.07E 00	107
2.00E-07	2.01E-07	2.25E-07	2.51E-07	2.95E 00	9.09E-01	2.08E 00	2.77E 00	3.68E 00	5.68E 00	120
2.51E-07	2.52E-07	2.83E-07	3.16E-07	3.66E 00	1.48E 00	2.65E 00	3.66E 00	4.60E 00	6.66E 00	127
3.16E-07	3.17E-07	3.54E-07	3.95E-07	4.38E 00	7.32E-01	3.06E 00	4.19E 00	5.62E 00	8.99E 00	143
3.98E-07	3.99E-07	4.46E-07	5.01E-07	5.06E 00	1.71E 00	3.26E 00	5.05E 00	6.49E 00	1.17E 01	131
5.01E-07	5.02E-07	5.66E-07	6.30E-07	6.20E 00	2.45E 00	4.61E 00	6.03E 00	7.59E 00	1.18E 01	118
6.31E-07	6.33E-07	7.09E-07	7.94E-07	7.58E 00	1.77E 00	5.90E 00	7.65E 00	9.23E 00	1.40E 01	114
7.94E-07	8.01E-07	8.96E-07	9.99E-07	8.60E 00	2.55E 00	5.77E 00	9.17E 00	1.09E 01	1.49E 01	113
1.00E-06	1.00E-06	1.12E-06	1.25E-06	1.05E 01	1.82E 00	7.20E 00	1.08E 01	1.35E 01	1.83E 01	109
1.26E-06	1.26E-06	1.41E-06	1.58E-06	1.29E 01	2.73E 00	1.02E 01	1.35E 01	1.54E 01	2.19E 01	106
1.58E-06	1.59E-06	1.77E-06	1.99E-06	1.58E 01	4.56E 00	1.42E 01	1.65E 01	1.86E 01	2.51E 01	94
2.00E-06	2.00E-06	2.24E-06	2.51E-06	1.87E 01	4.58E 00	1.62E 01	1.98E 01	2.24E 01	2.66E 01	81
2.51E-06	2.52E-06	2.79E-06	3.15E-06	2.21E 01	5.93E 00	1.95E 01	2.33E 01	2.55E 01	3.23E 01	81
3.16E-06	3.17E-06	3.58E-06	3.98E-06	2.65E 01	4.45E 00	2.43E 01	2.76E 01	3.06E 01	3.74E 01	65
3.98E-06	4.02E-06	4.44E-06	5.03E-06	3.01E 01	5.13E 00	2.61E 01	3.22E 01	3.61E 01	4.73E 01	54
5.01E-06	5.05E-06	5.56E-06	6.29E-06	3.47E 01	1.16E 01	3.23E 01	3.52E 01	3.96E 01	5.21E 01	53
6.31E-06	6.31E-06	7.34E-06	7.94E-06	4.32E 01	1.03E 01	3.98E 01	4.46E 01	4.89E 01	5.87E 01	47
7.94E-06	8.01E-06	8.93E-06	9.98E-06	4.65E 01	6.10E 00	4.28E 01	5.02E 01	5.38E 01	6.70E 01	40
1.00E-05	1.01E-05	1.11E-05	1.24E-05	5.11E 01	4.12E 00	4.55E 01	5.37E 01	6.05E 01	7.96E 01	28
1.26E-05	1.26E-05	1.42E-05	1.58E-05	5.92E 01	1.76E 01	4.83E 01	6.12E 01	7.28E 01	8.64E 01	26
1.58E-05	1.59E-05	1.79E-05	1.97E-05	6.20E 01	5.90E 00	4.86E 01	7.05E 01	8.11E 01	9.58E 01	22
2.00E-05	2.04E-05	2.25E-05	2.49E-05	6.53E 01	1.94E 01	4.35E 01	7.33E 01	8.56E 01	1.02E 02	17
2.51E-05	2.64E-05	2.83E-05	3.11E-05	7.59E 01	3.47E 01	6.48E 01	8.12E 01	9.18E 01	1.02E 02	12
3.16E-05	3.24E-05	3.52E-05	3.95E-05	9.20E 01	1.69E 01	7.26E 01	9.33E 01	1.32E 02	1.37E 02	11
3.98E-05	4.01E-05	4.49E-05	4.85E-05	1.06E 02	8.62E 01	8.87E 01	9.66E 01	1.20E 02	1.45E 02	7
5.01E-05	5.03E-05	5.57E-05	6.18E-05	1.24E 02	9.59E 01	1.06E 02	1.11E 02	1.42E 02	1.71E 02	5
6.31E-05	8.40E-05	6.86E-05	7.30E-05	1.33E 02	8.72E 01	8.79E 01	1.06E 02	1.78E 02	2.44E 02	4
7.94E-05	8.89E-05	8.93E-05	8.98E-05	1.45E 02	1.13E 02				1.77E 02	2
1.00E-04										
1.26E-04	1.57E-04	1.57E-04	1.57E-04	2.70E 02	2.70E 02				2.70E 02	1
1.59E-04	1.92E-04	1.92E-04	1.92E-04	1.51E 02	1.51E 02				1.51E 02	1

TOTAL N: 2654

TABLE . MAJURO ATTENUATION TABULATED AS A FUNCTION OF
REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-11	1.18E-11	1.18E-11	1.18E-11	4.20E-05	4.20E-05				4.20E-05	1
1.26E-11	1.28E-11	1.28E-11	1.28E-11	3.09E-05	3.09E-05				3.39E-05	1
1.58E-11	1.75E-11	1.78E-11	1.81E-11	5.23E-05	3.10E-05				7.36E-05	[illegible]
2.00E-11										
2.51E-11	2.57E-11	2.97E-11	2.97E-11	5.04E-05	5.04E-05				5.04E-05	1
3.16E-11	3.35E-11	3.64E-11	3.89E-11	8.56E-05	4.14E-05	5.17E-05	8.85E-05	1.19E-04	1.26E-04	[illegible]
3.98E-11	4.03E-11	4.54E-11	4.86E-11	6.39E-05	4.63E-05	4.79E-05	5.58E-05	7.89E-05	8.34E-05	[illegible]
5.01E-11	5.31E-11	5.48E-11	5.63E-11	6.06E-05	4.74E-05	5.43E-05	5.59E-05	6.59E-05	8.53E-05	[illegible]
6.31E-11	6.36E-11	6.77E-11	7.75E-11	9.18E-05	5.52E-05	6.75E-05	7.48E-05	1.21E-04	1.52E-04	[illegible]
7.94E-11	8.03E-11	8.98E-11	1.00E-10	1.30E-04	7.42E-05	9.07E-05	1.22E-04	1.60E-04	2.56E-04	1[illegible]
1.00E-10	1.01E-10	1.18E-10	1.25E-10	1.19E-04	4.94E-05	6.38E-05	1.13E-04	1.58E-04	2.20E-04	11
1.26E-10	1.26E-10	1.46E-10	1.58E-10	1.81E-04	6.98E-05	9.18E-05	1.45E-04	2.56E-04	4.75E-04	23
1.58E-10	1.59E-10	1.75E-10	1.99E-10	1.63E-04	7.79E-05	1.03E-04	1.30E-04	1.86E-04	3.49E-04	23
2.00E-10	2.00E-10	2.24E-10	2.48E-10	2.80E-04	1.10E-04	1.83E-04	2.64E-04	3.77E-04	6.33E-04	3[illegible]
2.51E-10	2.53E-10	2.96E-10	3.15E-10	2.61E-04	9.73E-05	2.02E-04	2.43E-04	2.98E-04	6.37E-04	[illegible]
3.16E-10	3.17E-10	3.55E-10	3.96E-10	3.40E-04	1.02E-04	2.25E-04	3.03E-04	3.93E-04	9.91E-04	[illegible]
3.98E-10	3.99E-10	4.50E-10	5.01E-10	3.72E-04	1.37E-04	2.56E-04	3.11E-04	4.63E-04	9.33E-04	[illegible]
5.01E-10	5.03E-10	5.58E-10	6.30E-10	4.46E-04	1.64E-04	2.77E-04	4.34E-04	5.77E-04	1.17E-03	[illegible]
6.31E-10	6.32E-10	7.15E-10	7.94E-10	5.14E-04	1.93E-04	3.08E-04	4.34E-04	6.70E-04	1.36E-03	[illegible]
7.94E-10	8.03E-10	8.91E-10	1.00E-09	5.73E-04	2.14E-04	3.68E-04	5.50E-04	6.85E-04	1.54E-03	[illegible]
1.00E-09	1.01E-09	1.12E-09	1.25E-09	7.49E-04	2.16E-04	4.45E-04	6.77E-04	9.71E-04	1.54E-03	[illegible]
1.26E-09	1.26E-09	1.41E-09	1.58E-09	8.51E-04	2.20E-04	5.09E-04	7.25E-04	1.12E-03	2.27E-03	[illegible]
1.58E-09	1.59E-09	1.79E-09	1.99E-09	1.10E-03	2.75E-04	7.36E-04	1.38E-03	1.41E-03	2.47E-03	11[illegible]
2.00E-09	2.00E-09	2.27E-09	2.51E-09	1.22E-03	3.53E-04	7.40E-04	1.19E-03	1.61E-03	2.93E-03	11[illegible]
2.51E-09	2.52E-09	2.84E-09	3.16E-09	1.47E-03	4.03E-04	9.71E-04	1.46E-03	1.79E-03	2.91E-03	11[illegible]
3.16E-09	3.17E-09	3.58E-09	3.98E-09	1.70E-03	3.35E-04	1.04E-03	1.61E-03	2.14E-03	3.89E-03	14[illegible]
3.98E-09	3.99E-09	4.43E-09	5.00E-09	1.99E-03	7.11E-04	1.23E-03	1.89E-03	2.60E-03	4.53E-03	1[illegible]
5.01E-09	5.02E-09	5.63E-09	6.30E-09	2.39E-03	6.90E-04	1.52E-03	2.36E-03	3.05E-03	5.57E-03	1[illegible]
6.31E-09	6.32E-09	7.10E-09	7.93E-09	2.75E-03	7.45E-04	1.93E-03	2.63E-03	3.47E-03	5.33E-03	1[illegible]
7.94E-09	7.95E-09	8.92E-09	9.97E-09	3.31E-03	8.07E-04	2.35E-03	3.39E-03	4.11E-03	6.33E-03	1[illegible]
1.00E-08	1.00E-08	1.12E-08	1.25E-08	3.96E-03	1.11E-03	2.62E-03	3.45E-03	5.07E-03	7.40E-03	1[illegible]
1.26E-08	1.26E-08	1.41E-08	1.58E-08	4.76E-03	1.30E-03	3.47E-03	5.13E-03	5.84E-03	8.81E-03	1[illegible]
1.58E-08	1.59E-08	1.77E-08	1.99E-08	5.47E-03	1.81E-03	3.60E-03	5.78E-03	6.89E-03	1.39E-02	1[illegible]
2.00E-08	2.00E-08	2.23E-08	2.51E-08	6.97E-03	2.24E-03	6.13E-03	7.12E-03	8.26E-03	1.13E-02	[illegible]
2.51E-08	2.52E-08	2.81E-08	3.16E-08	8.09E-03	2.35E-03	6.87E-03	8.58E-03	9.57E-03	1.21E-02	[illegible]
3.16E-08	3.17E-08	3.55E-08	3.98E-08	9.25E-03	4.16E-03	7.44E-03	8.42E-03	1.09E-02	1.55E-02	[illegible]
3.98E-08	4.01E-08	4.47E-08	5.01E-08	1.07E-02	2.75E-03	9.24E-03	1.11E-02	1.26E-02	1.75E-02	[illegible]
5.01E-08	5.02E-08	5.60E-08	6.25E-08	1.34E-02	5.13E-03	1.20E-02	1.34E-02	1.47E-02	1.94E-02	[illegible]
6.31E-08	6.33E-08	7.07E-08	7.95E-08	1.52E-02	4.46E-03	1.33E-02	1.51E-02	1.75E-02	2.12E-02	47
7.94E-08	7.59E-08	8.93E-08	9.97E-08	1.76E-02	4.77E-03	1.68E-02	1.85E-02	2.00E-02	2.42E-02	[illegible]
1.00E-07	1.00E-07	1.12E-07	1.25E-07	1.96E-02	1.05E-02	1.72E-02	1.94E-02	2.23E-02	2.61E-02	[illegible]
1.26E-07	1.25E-07	1.40E-07	1.56E-07	2.23E-02	1.21E-02	1.95E-02	2.23E-02	2.57E-02	3.37E-02	[illegible]
1.58E-07	1.59E-07	1.81E-07	1.99E-07	2.74E-02	1.21E-02	2.31E-02	2.37E-02	3.17E-02	3.64E-02	[illegible]
2.00E-07	2.00E-07	2.19E-07	2.51E-07	3.19E-02	2.33E-02	2.90E-02	3.17E-02	3.47E-02	3.97E-02	1[illegible]
2.51E-07	2.52E-07	2.82E-07	3.13E-07	3.59E-02	3.11E-02	3.29E-02	3.54E-02	3.93E-02	4.13E-02	1[illegible]
3.16E-07	3.33E-07	3.61E-07	3.79E-07	4.62E-02	3.62E-02	3.92E-02	4.70E-02	5.26E-02	5.34E-02	[illegible]
3.98E-07	4.10E-07	4.62E-07	4.97E-07	4.73E-02	4.05E-02	4.31E-02	4.70E-02	5.13E-02	5.34E-02	[illegible]
5.01E-07	5.16E-07	5.64E-07	6.10E-07	5.73E-02	5.13E-02				6.73E-02	[illegible]
6.31E-07	6.76E-07	7.07E-07	7.38E-07	8.39E-02	7.51E-02				9.27E-02	[illegible]
7.94E-07										
1.00E-06	1.12E-06	1.15E-06	1.23E-06	9.70E-02	7.51E-02				1.15E-01	[illegible]

TOTAL [illegible]

TABLE . MAJURO ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.98E-10	4.56E-10	4.74E-10	4.93E-10	2.59E-04	2.25E-04				2.94E-04	2
5.01E-10										
6.31E-10	6.79E-10	6.86E-10	6.94E-10	3.73E-04	2.37E-04				5.09E-04	2
7.94E-10										
1.00E-09	1.14E-09	1.14E-09	1.14E-09	3.85E-04	3.85E-04				3.85E-04	1
1.26E-09	1.40E-09	1.45E-09	1.55E-09	5.21E-04	3.40E-04	4.43E-04	6.04E-04	8.25E-04	8.79E-04	5
1.58E-09	1.63E-09	1.78E-09	1.87E-09	4.76E-04	3.89E-04	3.97E-04	4.56E-04	5.56E-04	6.09E-04	4
2.00E-09	2.02E-09	2.27E-09	2.49E-09	5.82E-04	4.11E-04	4.65E-04	5.14E-04	6.29E-04	1.11E-03	10
2.51E-09	2.60E-09	2.94E-09	3.09E-09	8.88E-04	5.97E-04	7.15E-04	8.57E-04	1.09E-03	1.21E-03	6
3.16E-09	3.26E-09	3.59E-09	3.89E-09	1.04E-03	6.46E-04	7.98E-04	1.02E-03	1.21E-03	1.84E-03	10
3.98E-09	4.24E-09	4.62E-09	4.97E-09	1.03E-03	5.17E-04	6.67E-04	9.70E-04	1.36E-03	1.86E-03	13
5.01E-09	5.07E-09	5.78E-09	6.24E-09	1.43E-03	7.28E-04	8.60E-04	1.23E-03	1.94E-03	3.35E-03	27
6.31E-09	6.42E-09	7.10E-09	7.81E-09	1.76E-03	8.32E-04	1.12E-03	1.48E-03	2.30E-03	3.95E-03	22
7.94E-09	7.99E-09	8.94E-09	1.00E-08	2.12E-03	1.10E-03	1.45E-03	1.92E-03	2.57E-03	4.50E-03	34
1.00E-08	1.02E-08	1.14E-08	1.25E-08	2.43E-03	1.09E-03	1.99E-03	2.43E-03	2.78E-03	5.04E-03	53
1.26E-08	1.26E-08	1.43E-08	1.58E-08	2.84E-03	1.39E-03	2.14E-03	2.50E-03	3.18E-03	7.04E-03	51
1.58E-08	1.59E-08	1.80E-08	1.99E-08	3.44E-03	1.61E-03	2.52E-03	2.97E-03	4.17E-03	6.67E-03	82
2.00E-08	2.00E-08	2.23E-08	2.49E-08	4.05E-03	2.18E-03	3.09E-03	3.68E-03	4.59E-03	8.62E-03	79
2.51E-08	2.52E-08	2.83E-08	3.16E-08	4.67E-03	2.43E-03	3.37E-03	4.23E-03	5.27E-03	1.02E-02	109
3.16E-08	3.17E-08	3.53E-08	3.97E-08	5.76E-03	3.13E-03	4.22E-03	5.35E-03	6.35E-03	1.25E-02	92
3.98E-08	3.99E-08	4.46E-08	5.01E-08	7.00E-03	3.39E-03	4.89E-03	6.33E-03	8.53E-03	1.62E-02	94
5.01E-08	5.02E-08	5.59E-08	6.30E-08	8.65E-03	4.37E-03	6.11E-03	8.41E-03	1.07E-02	1.61E-02	106
6.31E-08	6.31E-08	7.06E-08	7.88E-08	1.05E-02	5.49E-03	7.64E-03	1.01E-02	1.27E-02	1.98E-02	114
7.94E-08	7.95E-08	8.95E-08	9.99E-08	1.24E-02	6.51E-03	9.31E-03	1.14E-02	1.48E-02	2.39E-02	104
1.00E-07	1.00E-07	1.12E-07	1.25E-07	1.50E-02	9.03E-03	1.19E-02	1.46E-02	1.83E-02	2.46E-02	127
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.84E-02	1.02E-02	1.44E-02	1.74E-02	2.19E-02	3.60E-02	144
1.58E-07	1.59E-07	1.78E-07	1.99E-07	2.17E-02	1.29E-02	1.69E-02	2.14E-02	2.62E-02	3.84E-02	124
2.00E-07	2.00E-07	2.25E-07	2.51E-07	2.67E-02	1.61E-02	2.03E-02	2.59E-02	3.07E-02	4.37E-02	122
2.51E-07	2.52E-07	2.82E-07	3.16E-07	3.22E-02	1.94E-02	2.64E-02	3.25E-02	3.74E-02	5.31E-02	112
3.16E-07	3.17E-07	3.54E-07	3.98E-07	3.86E-02	2.47E-02	3.11E-02	3.89E-02	4.57E-02	5.63E-02	118
3.98E-07	3.99E-07	4.45E-07	5.01E-07	4.87E-02	3.20E-02	4.08E-02	4.82E-02	5.72E-02	7.17E-02	115
5.01E-07	5.02E-07	5.67E-07	6.30E-07	5.83E-02	4.07E-02	4.88E-02	5.95E-02	6.56E-02	8.64E-02	107
6.31E-07	6.31E-07	7.08E-07	7.92E-07	7.39E-02	4.83E-02	6.69E-02	7.47E-02	8.06E-02	1.24E-01	52
7.94E-07	7.99E-07	8.83E-07	9.86E-07	8.85E-02	6.17E-02	8.04E-02	8.82E-02	9.60E-02	1.19E-01	64
1.00E-06	1.01E-06	1.12E-06	1.25E-06	1.09E-01	7.78E-02	1.00E-01	1.09E-01	1.18E-01	1.40E-01	91
1.26E-06	1.27E-06	1.42E-06	1.58E-06	1.32E-01	9.64E-02	1.21E-01	1.34E-01	1.43E-01	1.63E-01	58
1.58E-06	1.59E-06	1.77E-06	1.99E-06	1.61E-01	1.22E-01	1.50E-01	1.62E-01	1.71E-01	2.15E-01	65
2.00E-06	2.03E-06	2.25E-06	2.51E-06	1.98E-01	1.54E-01	1.87E-01	1.97E-01	2.06E-01	2.47E-01	49
2.51E-06	2.55E-06	2.79E-06	3.13E-06	[illegible]	1.13E-01	2.25E-01	2.42E-01	2.53E-01	2.87E-01	42
3.16E-06	3.18E-06	3.55E-06	3.97E-06	2.59E-01	1.00E-01	2.78E-01	2.90E-01	3.08E-01	3.41E-01	43
3.98E-06	4.06E-06	4.46E-06	4.97E-06	3.38E-01	9.50E-02	3.33E-01	3.48E-01	3.75E-01	4.19E-01	34
5.01E-06	5.12E-06	5.66E-06	6.30E-06	4.21E-01	1.62E-01	4.17E-01	4.35E-01	4.77E-01	5.20E-01	20
6.31E-06	6.72E-06	7.19E-06	7.86E-06	5.04E-01	1.16E-01	5.08E-01	5.48E-01	5.77E-01	6.16E-01	26
7.94E-06	8.06E-06	8.99E-06	9.88E-06	6.04E-01	1.15E-01	6.22E-01	6.53E-01	7.16E-01	7.55E-01	14
1.00E-05	1.01E-05	1.10E-05	1.25E-05	6.08E-01	1.84E-01	2.62E-01	7.79E-01	8.37E-01	9.19E-01	8
1.26E-05	1.26E-05	1.33E-05	1.45E-05	6.30E-01	2.58E-01	4.58E-01	6.57E-01	9.74E-01	1.09E 00	11
1.58E-05	1.63E-05	1.75E-05	1.91E-05	1.02E 00	1.72E-01	7.83E-01	1.19E 00	1.30E 00	1.37E 00	11
2.00E-05	2.04E-05	2.20E-05	2.37E-05	1.19E 00	7.12E-01	7.44E-01	1.13E 00	1.44E 00	1.41E 00	4
2.51E-05	2.68E-05	2.81E-05	2.92E-05	1.49E 00	9.25E-01				1.97E 00	3
3.16E-05	3.40E-05	3.40E-05	3.40E-05	7.79E-01	7.79E-01				7.79E-01	1
3.98E-05	4.81E-05	4.81E-05	4.81E-05	3.22E 00	3.22E 00				3.22E 00	1
5.01E-05										
6.31E-05	6.44E-05	6.44E-05	6.44E-05	2.74E 00	2.74E 00				2.74E 00	1

TOTAL N: 2653

TABLE . MAJURO ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-09	1.10E-09	1.15E-09	1.20E-09	4.31E-04	3.76E-04				4.85E-04	2
1.26E-09										
1.58E-09	1.65E-09	1.66E-09	1.68E-09	6.19E-04	4.04E-04				8.35E-04	2
2.00E-09										
2.51E-09	2.76E-09	2.95E-09	3.14E-09	9.96E-04	6.58E-04				1.33E-03	2
3.16E-09	3.47E-09	3.57E-09	3.75E-09	7.51E-04	5.97E-04	7.63E-04	8.71E-04	1.13E-03	1.45E-03	[illegible]
3.98E-09	4.32E-09	4.62E-09	4.93E-09	8.21E-04	6.90E-04	7.07E-04	9.03E-04	9.06E-04	1.06E-03	5
5.01E-09	5.06E-09	5.72E-09	6.30E-09	1.15E-03	7.37E-04	8.46E-04	1.03E-03	1.31E-03	1.49E-03	7
6.31E-09	6.92E-09	7.38E-09	7.59E-09	1.57E-03	1.06E-03	1.26E-03	1.48E-03	2.06E-03	2.17E-03	4
7.94E-09	8.16E-09	8.77E-09	9.41E-09	1.75E-03	1.16E-03	1.37E-03	1.71E-03	1.90E-03	4.35E-03	9
1.00E-08	1.02E-08	1.13E-08	1.25E-08	1.90E-03	1.00E-03	1.31E-03	1.79E-03	2.44E-03	3.14E-03	15
1.26E-08	1.26E-08	1.43E-08	1.57E-08	2.51E-03	1.37E-03	1.79E-03	2.16E-03	3.32E-03	5.52E-03	37
1.58E-08	1.61E-08	1.80E-08	1.98E-08	3.30E-03	1.65E-03	2.18E-03	[illegible]	4.09E-03	6.41E-03	[illegible]
2.00E-08	2.00E-08	2.22E-08	2.49E-08	3.76E-03	2.09E-03	2.55E-03	3.28E-03	4.89E-03	7.59E-03	[illegible]
2.51E-08	2.53E-08	2.82E-08	3.16E-08	4.43E-03	2.37E-03	3.64E-03	4.07E-03	4.95E-03	1.17E-02	58
3.16E-08	3.17E-08	3.60E-08	3.96E-08	5.05E-03	3.10E-03	4.09E-03	4.77E-03	5.62E-03	1.14E-02	[illegible]
3.98E-08	4.01E-08	4.49E-08	5.00E-08	6.44E-03	3.76E-03	[illegible]	[illegible]	[illegible]	1.14E-02	[illegible]
5.01E-08	5.02E-08	5.61E-08	6.26E-08	7.47E-03	4.37E-03	5.85E-03	6.71E-03	8.45E-03	1.46E-02	84
6.31E-08	6.32E-08	7.06E-08	7.72E-08	8.40E-03	5.00E-03	6.66E-03	8.32E-03	1.04E-02	1.74E-02	102
7.94E-08	7.95E-08	9.06E-08	1.00E-07	1.10E-02	6.72E-03	8.75E-03	1.02E-02	1.21E-02	2.15E-02	[illegible]
1.00E-07	1.01E-07	1.13E-07	1.25E-07	1.34E-02	8.10E-03	1.01E-02	1.22E-02	1.61E-02	2.44E-02	95
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.71E-02	1.02E-02	1.30E-02	1.67E-02	1.94E-02	2.37E-02	113
1.58E-07	1.59E-07	1.77E-07	1.99E-07	2.02E-02	1.15E-02	1.59E-02	1.94E-02	2.36E-02	3.35E-02	[illegible]
2.00E-07	2.01E-07	2.25E-07	2.51E-07	2.40E-02	1.49E-02	1.94E-02	[illegible]	[illegible]	4.36E-02	[illegible]
2.51E-07	2.52E-07	2.84E-07	3.16E-07	2.96E-02	1.97E-02	2.45E-02	2.93E-02	3.43E-02	4.73E-02	127
3.16E-07	3.17E-07	3.54E-07	3.98E-07	3.63E-02	2.72E-02	[illegible]	3.44E-02	[illegible]	6.35E-02	[illegible]
3.98E-07	3.99E-07	4.46E-07	5.01E-07	4.35E-02	2.99E-02	3.58E-02	4.19E-02	[illegible]	8.17E-02	131
5.01E-07	5.02E-07	5.66E-07	6.30E-07	5.38E-02	3.59E-02	4.72E-02	5.24E-02	[illegible]	[illegible]	[illegible]
6.31E-07	6.33E-07	7.09E-07	7.94E-07	6.66E-02	4.41E-02	[illegible]	6.70E-02	7.40E-02	[illegible]	114
7.94E-07	8.01E-07	8.96E-07	9.99E-07	7.98E-02	4.68E-02	[illegible]	8.09E-02	[illegible]	[illegible]	113
1.00E-06	1.00E-06	1.12E-06	1.25E-06	9.85E-02	4.81E-02	8.73E-02	1.00E-01	[illegible]	1.37E-01	[illegible]
1.26E-06	1.26E-06	1.43E-06	1.58E-06	1.23E-01	6.61E-02	1.10E-01	1.23E-01	1.33E-01	1.73E-01	[illegible]
1.58E-06	1.59E-06	1.78E-06	1.99E-06	1.51E-01	9.54E-02	1.40E-01	1.53E-01	[illegible]	[illegible]	[illegible]
2.00E-06	2.00E-06	2.24E-06	2.51E-06	1.84E-01	9.38E-02	1.73E-01	1.85E-01	[illegible]	2.37E-01	81
2.51E-06	2.52E-06	2.78E-06	3.15E-06	2.25E-01	1.29E-01	2.11E-01	2.25E-01	[illegible]	2.75E-01	[illegible]
3.16E-06	3.17E-06	3.58E-06	3.98E-06	2.79E-01	9.19E-02	2.59E-01	2.86E-01	[illegible]	[illegible]	[illegible]
3.98E-06	4.02E-06	4.44E-06	5.00E-06	3.28E-01	1.21E-01	3.17E-01	3.44E-01	[illegible]	[illegible]	[illegible]
5.01E-06	5.05E-06	5.56E-06	6.27E-06	4.09E-01	2.65E-01	3.95E-01	4.12E-01	4.44E-01	[illegible]	[illegible]
6.31E-06	6.31E-06	7.06E-06	7.94E-06	5.07E-01	1.44E-01	4.65E-01	[illegible]	5.64E-01	6.14E-01	[illegible]
7.94E-06	8.01E-06	8.93E-06	9.98E-06	5.98E-01	1.12E-01	5.90E-01	6.37E-01	[illegible]	[illegible]	[illegible]
1.00E-05	1.01E-05	1.11E-05	1.24E-05	6.98E-01	1.03E-01	7.10E-01	7.50E-01	7.61E-01	[illegible]	[illegible]
1.26E-05	1.26E-05	1.42E-05	1.58E-05	8.88E-01	2.38E-01	[illegible]	9.27E-01	[illegible]	[illegible]	[illegible]
1.58E-05	1.59E-05	1.77E-05	1.97E-05	9.49E-01	1.50E-01	6.41E-01	[illegible]	1.21E 00	1.27E 00	[illegible]
2.00E-05	2.04E-05	2.25E-05	2.45E-05	1.10E 00	2.93E-01	8.70E-01	1.27E 00	[illegible]	[illegible]	17
2.51E-05	2.64E-05	[illegible]	3.11E-05	1.28E 00	4.38E-01	1.00E 00	1.42E 00	1.64E 00	1.75E 00	[illegible]
3.16E-05	[illegible]	3.52E-05	3.95E-05	1.64E 00	3.03E-01	1.22E 00	1.95E 00	2.15E 00	[illegible]	11
3.98E-05	4.01E-05	4.49E-05	4.85E-05	1.98E 00	1.34E 00	1.45E 00	2.03E 00	[illegible]	[illegible]	7
5.01E-05	5.03E-05	5.57E-05	6.18E-05	2.65E 00	2.07E 00	2.52E 00	2.69E 00	[illegible]	[illegible]	[illegible]
6.31E-05	6.46E-05	6.46E-05	7.30E-05	2.55E 00	1.51E 00	1.63E 00	2.34E 00	[illegible]	[illegible]	[illegible]
7.94E-05	8.89E-05	[illegible]	9.99E-05	3.44E 00	2.49E 00				[illegible]	[illegible]
1.00E-04										
1.26E-04	1.57E-04	1.57E-04	1.57E-04	6.28E 00	6.28E 00				6.28E 00	1
1.58E-04	1.92E-04	[illegible]	[illegible]	4.45E 00	4.45E 00				[illegible]	1

TOTAL N: [illegible]

TABLE . ALASKA REFLECTIVITY FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	4.90E-11	2.89E-11	3.75E-11	4.37E-11	5.24E-11	1.89E-10	60
1.26E-01	1.26E-01	1.43E-01	1.57E-01	6.31E-11	2.87E-11	4.23E-11	5.71E-11	7.74E-11	1.88E-10	66
1.58E-01	1.59E-01	1.77E-01	1.99E-01	8.38E-11	3.61E-11	5.54E-11	7.09E-11	9.87E-11	2.18E-10	79
2.00E-01	2.01E-01	2.27E-01	2.51E-01	1.07E-10	4.40E-11	7.16E-11	9.76E-11	1.33E-10	4.45E-10	108
2.51E-01	2.52E-01	2.83E-01	3.16E-01	1.40E-10	5.70E-11	9.[illegible]E-11	1.27E-10	1.64E-10	4.64E-10	120
3.16E-01	3.17E-01	3.54E-01	3.98E-01	1.69E-10	5.16E-11	1.[illegible]E-10	1.48E-10	1.95E-10	1.10E-09	142
3.98E-01	3.99E-01	4.52E-01	5.00E-01	2.49E-10	1.05E-10	1.73E-10	2.21E-10	3.06E-10	7.89E-10	139
5.01E-01	5.02E-01	5.67E-01	6.30E-01	3.61E-10	1.13E-10	2.40E-10	3.11E-10	4.29E-10	1.11E-09	240
6.31E-01	6.31E-01	7.04E-01	7.94E-01	5.07E-10	1.92E-10	3.38E-10	4.21E-10	5.68E-10	3.18E-09	254
7.94E-01	7.96E-01	8.96E-01	1.00E 00	7.11E-10	1.94E-10	4.49E-10	5.94E-10	7.96E-10	5.11E-09	256
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.03E-09	3.87E-10	6.71E-10	8.84E-10	1.20E-09	3.77E-09	241
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.27E-09	4.20E-10	8.70E-10	1.14E-09	1.47E-09	4.08E-09	203
1.58E 00	1.59E 00	1.77E 00	1.99E 00	2.01E-09	5.88E-10	1.36E-09	1.73E-09	2.35E-09	1.22E-08	215
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.65E-09	6.37E-10	1.65E-09	2.15E-09	3.09E-09	7.59E-09	167
2.51E 00	2.52E 00	2.82E 00	3.15E 00	3.81E-09	1.15E-09	2.52E-09	3.23E-09	4.57E-09	1.98E-08	133
3.16E 00	3.17E 00	3.57E 00	3.98E 00	4.63E-09	1.37E-09	3.00E-09	3.56E-09	5.20E-09	5.02E-08	96
3.98E 00	4.00E 00	4.46E 00	5.00E 00	6.88E-09	2.39E-09	4.46E-09	5.70E-09	8.50E-09	3.51E-08	71
5.01E 00	5.05E 00	5.48E 00	6.30E 00	9.34E-09	3.07E-09	5.64E-09	7.91E-09	1.08E-08	4.01E-08	34
6.31E 00	6.39E 00	6.96E 00	7.93E 00	1.23E-08	3.42E-09	5.99E-09	9.04E-09	1.60E-08	4.47E-08	23
7.94E 00	8.03E 00	8.93E 00	9.86E 00	1.82E-08	3.42E-09	8.43E-09	1.60E-08	2.24E-08	7.04E-08	16
1.00E 01	1.12E 01	1.17E 01	1.25E 01	2.55E-08	1.07E-08	1.76E-08	2.61E-08	3.44E-08	3.72E-08	8
1.26E 01	1.26E 01	1.36E 01	1.46E 01	4.02E-08	3.78E-08	3.82E-08	3.87E-08	4.22E-08	4.56E-08	4
1.58E 01	1.62E 01	1.72E 01	1.91E 01	5.98E-08	5.08E-08	5.44E-08	6.02E-08	6.52E-08	6.74E-08	4
2.00E 01	2.03E 01	2.03E 01	2.03E 01	1.58E-08	1.58E-08				1.58E-08	1
2.51E 01	2.65E 01	2.65E 01	2.65E 01	3.96E-08	3.96E-08				3.96E-08	1

TOTAL N: 2676

TABLE . ALASKA REFLECTIVITY FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	1.65E-09	1.11E-09	1.44E-09	1.67E-09	2.00E-09	6.84E-09	60
1.26E-01	1.26E-01	1.43E-01	1.57E-01	2.40E-09	1.11E-09	1.63E-09	2.18E-09	2.93E-09	6.91E-09	66
1.58E-01	1.59E-01	1.77E-01	1.99E-01	3.18E-09	1.40E-09	2.13E-09	2.70E-09	3.75E-09	8.04E-09	79
2.00E-01	2.01E-01	2.27E-01	2.51E-01	4.05E-09	1.70E-09	2.75E-09	3.72E-09	5.04E-09	1.57E-08	108
2.51E-01	2.52E-01	2.83E-01	3.16E-01	5.29E-09	2.20E-09	3.55E-09	4.85E-09	5.22E-09	1.64E-08	120
3.16E-01	3.17E-01	3.54E-01	3.98E-01	6.37E-09	2.00E-09	4.51E-09	5.66E-09	7.03E-09	3.75E-08	142
3.98E-01	3.99E-01	4.52E-01	5.00E-01	9.4[illegible]E-09	4.05E-09	6.54E-09	8.40E-09	1.14E-08	2.75E-08	139
5.01E-01	5.02E-01	5.67E-01	6.30E-01	1.35E-08	4.36E-09	9.20E-09	1.18E-08	1.61E-08	3.92E-08	240
6.31E-01	6.31E-01	7.03E-01	7.94E-01	1.88E-08	7.41E-09	1.28E-08	1.60E-08	2.12E-08	1.05E-07	254
7.94E-01	7.96E-01	8.96E-01	1.00E 00	2.52E-08	7.50E-09	1.71E-08	2.23E-08	2.96E-08	1.69E-07	256
1.00E 00	1.01E 00	1.13E 00	1.25E 00	3.79E-08	1.48E-08	2.54E-08	3.31E-08	4.45E-08	1.24E-07	241
1.26E 00	1.26E 00	1.41E 00	1.58E 00	4.68E-08	1.62E-08	3.28E-08	4.26E-08	5.42E-08	1.39E-07	203
1.58E 00	1.59E 00	1.77E 00	1.99E 00	7.36E-08	2.25E-08	5.09E-08	6.41E-08	8.54E-08	4.86E-07	215
2.00E 00	2.00E 00	2.24E 00	2.51E 00	9.69E-08	2.45E-08	6.21E-08	7.96E-08	1.11E-07	7.87E-07	167
2.51E 00	2.52E 00	2.82E 00	3.15E 00	1.38E-07	4.38E-08	9.41E-08	1.18E-07	1.63E-07	7.35E-07	133
3.16E 00	3.17E 00	3.57E 00	3.98E 00	2.06E-07	5.05E-08	1.12E-07	1.35E-07	1.89E-07	4.88E-06	96
3.98E 00	4.00E 00	4.46E 00	5.00E 00	2.62E-07	9.10E-08	1.65E-07	2.09E-07	3.03E-07	[illegible]	71
5.01E 00	5.05E 00	5.48E 00	6.30E 00	3.48E-07	1.16E-07	2.09E-07	2.68E-07	3.83E-07	1.90E-06	34
6.31E 00	6.39E 00	6.96E 00	7.90E 00	[illegible]	1.30E-07	2.22E-07	3.52E-07	5.54E-07	2.01E-06	23
7.94E 00	8.03E 00	8.93E 00	9.86E 00	6.44E-07	1.30E-07	3.14E-07	5.67E-07	7.81E-07	2.48E-06	16
1.00E 01	1.12E 01	1.17E 01	1.25E 01	8.95E-07	3.98E-07	6.40E-07	9.15E-07	1.18E-06	1.28E-06	4
1.26E 01	1.26E 01	1.36E 01	1.46E 01	1.39E-06	1.31E-06	1.32E-06	1.34E-06	1.46E-06	1.57E-06	4
1.58E 01	1.62E 01	1.72E 01	1.91E 01	2.16E-06	1.76E-06	1.86E-06	2.14E-06	2.46E-06	2.62E-06	4
2.00E 01	2.03E 01	2.03E 01	2.03E 01	5.94E-07	5.94E-07				5.94E-07	1
2.51E 01	2.65E 01	2.65E 01	2.65E 01	1.43E-06	1.43E-06				1.43E-06	1

TOTAL N: 2674

TABLE . ALASKA REFLECTIVITY FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	
1.00E-01	1.01E-01	1.14E-01	1.25E-01	4.50E-09	2.70E-09	3.48E-09	4.04E-09	4.94E-09	1.63E-08	60
1.26E-01	1.26E-01	1.43E-01	1.57E-01	5.79E-09	2.69E-09	3.94E-09	5.28E-09	7.07E-09	1.65E-08	65
1.59E-01	1.59E-01	1.77E-01	1.99E-01	7.66E-09	3.39E-09	[illegible]	6.53E-09	9.04E-09	1.92E-08	79
2.00E-01	2.01E-01	2.27E-01	2.51E-01	9.78E-09	4.13E-09	[illegible]	8.99E-09	1.21E-08	3.75E-08	[illegible]
2.51E-01	2.52E-01	2.83E-01	3.16E-01	1.28E-08	5.33E-09	[illegible]	1.17E-08	1.50E-08	3.93E-08	[illegible]
3.16E-01	3.17E-01	3.56E-01	3.98E-01	1.56E-08	4.85E-09	[illegible]	1.36E-08	1.69E-08	9.34E-08	[illegible]
3.98E-01	3.99E-01	4.52E-01	5.09E-01	2.27E-08	9.82E-09	1.60E-08	2.03E-08	2.74E-08	6.67E-08	[illegible]
5.01E-01	5.02E-01	5.67E-01	6.40E-01	3.25E-08	1.06E-08	2.22E-08	[illegible]	3.87E-08	9.54E-08	[illegible]
6.31E-01	6.31E-01	7.04E-01	7.94E-01	4.56E-08	1.79E-08	3.09E-08	[illegible]	[illegible]	[illegible]	[illegible]
7.94E-01	7.96E-01	[illegible]	1.00E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.20E-08	3.57E-08	6.15E-08	7.73E-08	1.02E-07	3.95E-07	[illegible]
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.13E-07	3.92E-08	7.40E-08	1.02E-07	1.37E-07	3.70E-07	[illegible]
1.58E 00	1.59E 00	1.77E 00	1.99E 00	1.87E-07	5.45E-08	1.22E-07	1.54E-07	2.04E-07	2.56E-06	215
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.46E-07	5.94E-08	1.49E-07	1.91E-07	2.66E-07	1.33E-06	[illegible]
2.51E 00	2.52E 00	2.82E 00	3.15E 00	3.46E-07	1.06E-07	2.25E-07	2.83E-07	3.94E-07	3.38E-06	[illegible]
3.16E 00	3.17E 00	3.57E 00	3.98E 00	5.09E-07	1.22E-07	2.69E-07	3.24E-07	4.52E-07	1.15E-05	[illegible]
3.98E 00	4.00E 00	4.46E 00	5.00E 00	6.99E-07	2.20E-07	[illegible]	[illegible]	7.39E-07	[illegible]	[illegible]
5.01E 00	5.05E 00	5.64E 00	6.30E 00	9.40E-07	2.41E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6.31E 00	6.39E 00	6.96E 00	7.90E 00	1.35E-06	3.13E-07	5.35E-07	8.44E-07	1.35E-06	[illegible]	[illegible]
7.94E 00	8.03E 00	8.90E 00	[illegible]	1.83E-06	3.14E-07	7.54E-07	1.37E-06	1.90E-06	1.02E-05	[illegible]
1.00E 01	1.12E 01	1.17E 01	1.25E 01	2.18E-06	9.54E-07	[illegible]	2.23E-06	2.90E-06	[illegible]	[illegible]
1.26E 01	1.26E 01	1.35E 01	1.45E 01	[illegible]	3.16E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.58E 01	1.62E 01	1.72E 01	1.91E 01	5.68E-06	4.30E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.00E 01	2.03E 01	2.03E 01	2.03E 01	1.43E-06	1.43E-06				1.43E-06	1
2.51E 01	2.65E 01	2.65E 01	2.65E 01	3.43E-06	3.43E-06				3.43E-06	1

TOTAL N: [illegible]

TABLE . ALASKA REFLECTIVITY FOR 1.87 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	3.83E-08	2.26E-08	2.91E-08	3.34E-08	[illegible]	[illegible]	[illegible]
1.26E-01	1.26E-01	1.43E-01	1.57E-01	4.91E-08	2.25E-08	3.29E-08	4.42E-08	[illegible]	1.59E-07	[illegible]
1.59E-01	1.59E-01	1.77E-01	1.99E-01	6.52E-08	2.84E-08	4.31E-08	[illegible]	[illegible]	1.74E-07	[illegible]
2.00E-01	2.01E-01	2.27E-01	2.51E-01	[illegible]	3.46E-08	5.57E-08	7.56E-08	[illegible]	[illegible]	[illegible]
2.51E-01	[illegible]	[illegible]	3.16E-01	1.11E-07	4.45E-08	7.21E-08	9.99E-08	[illegible]	4.41E-07	[illegible]
3.16E-01	3.17E-01	3.56E-01	3.98E-01	1.35E-07	4.27E-08	9.14E-08	1.15E-07	[illegible]	[illegible]	[illegible]
3.98E-01	3.99E-01	4.52E-01	5.00E-01	1.98E-07	[illegible]	1.34E-07	1.70E-07	[illegible]	[illegible]	[illegible]
5.01E-01	5.02E-01	5.67E-01	[illegible]	2.95E-07	4.55E-08	1.36E-07	2.40E-07	[illegible]	[illegible]	[illegible]
6.31E-01	6.31E-01	7.03E-01	[illegible]	4.37E-07	1.50E-07	2.59E-07	3.27E-07	[illegible]	[illegible]	[illegible]
7.94E-01	7.96E-01	8.96E-01	1.00E 00	5.32E-07	1.52E-07	3.47E-07	4.61E-07	[illegible]	[illegible]	[illegible]
1.00E 00	1.01E 00	1.14E 00	1.25E 00	9.28E-07	3.00E-07	5.18E-07	[illegible]	[illegible]	5.74E-06	[illegible]
1.26E 00	1.26E 00	1.41E 00	1.59E 00	1.12E-06	3.28E-07	6.73E-07	9.11E-07	1.25E-06	[illegible]	[illegible]
1.58E 00	1.59E 00	1.77E 00	1.99E 00	1.89E-06	4.57E-07	[illegible]	1.41E-06	[illegible]	[illegible]	[illegible]
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.55E-06	[illegible]	[illegible]	1.74E-06	[illegible]	[illegible]	[illegible]
2.51E 00	2.52E 00	2.82E 00	3.15E 00	[illegible]	8.90E-07	2.01E-06	2.41E-06	[illegible]	[illegible]	[illegible]
3.16E 00	3.17E 00	3.57E 00	3.98E 00	4.78E-06	1.02E-06	2.41E-06	3.14E-06	[illegible]	[illegible]	[illegible]
3.98E 00	4.00E 00	4.46E 00	5.00E 00	[illegible]	[illegible]	3.68E-06	5.00E-06	[illegible]	[illegible]	[illegible]
5.01E 00	[illegible]	[illegible]	[illegible]	[illegible]	2.37E-06	4.48E-06	[illegible]	[illegible]	[illegible]	[illegible]
6.31E 00	6.39E 00	6.96E 00	7.90E 00	[illegible]	2.64E-06	4.46E-06	[illegible]	[illegible]	[illegible]	[illegible]
7.94E 00	8.03E 00	8.90E 00	9.86E 00	2.15E-05	2.65E-06	6.78E-06	1.70E-05	[illegible]	[illegible]	[illegible]
1.00E 01	1.12E 01	1.17E 01	1.25E 01	2.87E-05	8.41E-06	1.56E-05	2.92E-05	4.21E-05	4.71E-05	[illegible]
1.26E 01	1.26E 01	[illegible]	1.45E 01	[illegible]	4.58E-05	4.63E-05	[illegible]	[illegible]	[illegible]	[illegible]
1.58E 01	1.62E 01	1.72E 01	1.91E 01	7.75E-05	6.49E-05	7.33E-05	7.70E-05	[illegible]	[illegible]	[illegible]
2.00E 01	2.03E 01	2.03E 01	2.03E 01	1.23E-05	1.23E-05				1.23E-05	1
2.51E 01	2.65E 01	2.65E 01	2.65E 01	3.75E-05	3.75E-05				3.75E-05	1

TOTAL N: 2676

TABLE - ALASKA REFLECTIVITY FOR 0.86 μm, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

INCREMENT R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (1/M)	MIN ETA (1/M)	25%TILE ETA (1/M)	50%TILE ETA (1/M)	75%TILE ETA (1/M)	MAX ETA (1/M)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	1.09E-06	9.45E-07	1.04E-06	1.08E-06	1.14E-06	1.25E-06	83
1.25E-01	1.26E-01	1.44E-01	1.57E-01	1.39E-06	1.31E-06	1.34E-06	1.38E-06	1.44E-06	1.57E-06	66
1.57E-01	1.59E-01	1.77E-01	1.98E-01	1.68E-06	1.59E-06	1.63E-06	1.67E-06	1.77E-06	1.98E-06	47
1.98E-01	2.01E-01	2.21E-01	2.51E-01	2.12E-06	2.03E-06	2.07E-06	2.11E-06	2.21E-06	2.51E-06	37
2.51E-01	2.53E-01	2.79E-01	3.16E-01	2.66E-06	2.56E-06	2.60E-06	2.65E-06	2.79E-06	3.16E-06	29
3.16E-01	3.19E-01	3.54E-01	3.98E-01	3.35E-06	3.23E-06	3.28E-06	3.33E-06	3.54E-06	3.98E-06	23
3.98E-01	4.02E-01	4.46E-01	5.02E-01	4.22E-06	4.07E-06	4.13E-06	4.20E-06	4.46E-06	5.02E-06	18
5.02E-01	5.07E-01	5.62E-01	6.32E-01	5.32E-06	5.13E-06	5.20E-06	5.29E-06	5.62E-06	6.32E-06	14
6.32E-01	6.39E-01	7.08E-01	7.96E-01	6.70E-06	6.46E-06	6.56E-06	6.67E-06	7.08E-06	7.96E-06	11
7.96E-01	8.05E-01	8.92E-01	1.00E 00	8.45E-06	8.14E-06	8.27E-06	8.41E-06	8.92E-06	1.00E-05	9
1.00E 00	1.01E 00	1.12E 00	1.26E 00	1.06E-05	1.03E-05	1.04E-05	1.06E-05	1.12E-05	1.26E-05	7
1.26E 00	1.27E 00	1.41E 00	1.59E 00	1.34E-05	1.29E-05	1.31E-05	1.34E-05	1.41E-05	1.59E-05	6
1.59E 00	1.61E 00	1.78E 00	2.00E 00	1.69E-05	1.63E-05	1.65E-05	1.68E-05	1.78E-05	2.00E-05	5
2.00E 00	2.02E 00	2.24E 00	2.51E 00	2.13E-05	2.05E-05	2.08E-05	2.12E-05	2.24E-05	2.51E-05	4
2.51E 00	2.54E 00	2.82E 00	3.16E 00	2.68E-05	2.59E-05	2.62E-05	2.67E-05	2.82E-05	3.16E-05	3
3.16E 00	3.20E 00	3.55E 00	3.98E 00	3.38E-05	3.26E-05	3.30E-05	3.36E-05	3.55E-05	3.98E-05	2
3.98E 00	4.03E 00	4.47E 00	5.02E 00	4.25E-05	4.11E-05	4.16E-05	4.23E-05	4.47E-05	5.02E-05	1
5.02E 00	5.08E 00	5.64E 00	6.32E 00	5.36E-05	5.18E-05	5.24E-05	5.33E-05	5.64E-05	6.32E-05	1
6.32E 00	6.40E 00	7.10E 00	7.96E 00	6.75E-05	6.52E-05	6.60E-05	6.72E-05	7.10E-05	7.96E-05	1
7.96E 00	8.06E 00	8.94E 00	1.00E 01	8.50E-05	8.22E-05	8.32E-05	8.46E-05	8.94E-05	1.00E-04	1
1.00E 01	1.01E 01	1.13E 01	1.26E 01	1.07E-04	1.04E-04	1.05E-04	1.07E-04	1.13E-04	1.26E-04	1
1.26E 01	1.28E 01	1.42E 01	1.59E 01	1.35E-04	1.30E-04	1.32E-04	1.35E-04	1.42E-04	1.59E-04	1
1.59E 01	1.61E 01	1.79E 01	2.00E 01	1.70E-04	1.64E-04	1.66E-04	1.69E-04	1.79E-04	2.00E-04	1
2.00E 01	2.03E 01	2.25E 01	2.51E 01	2.14E-04	2.07E-04	2.09E-04	2.13E-04	2.25E-04	2.51E-04	1

TABLE - ALASKA REFLECTIVITY (1/M) AT 0.86 μm, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

INCREMENT R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (1/M)	MIN ETA (1/M)	25%TILE ETA (1/M)	50%TILE ETA (1/M)	75%TILE ETA (1/M)	MAX ETA (1/M)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	1.09E-06	9.45E-07	1.04E-06	1.08E-06	1.14E-06	1.25E-06	83
1.25E-01	1.26E-01	1.44E-01	1.57E-01	1.39E-06	1.31E-06	1.34E-06	1.38E-06	1.44E-06	1.57E-06	66
1.57E-01	1.59E-01	1.77E-01	1.98E-01	1.68E-06	1.59E-06	1.63E-06	1.67E-06	1.77E-06	1.98E-06	47
1.98E-01	2.01E-01	2.21E-01	2.51E-01	2.12E-06	2.03E-06	2.07E-06	2.11E-06	2.21E-06	2.51E-06	37
2.51E-01	2.53E-01	2.79E-01	3.16E-01	2.66E-06	2.56E-06	2.60E-06	2.65E-06	2.79E-06	3.16E-06	29
3.16E-01	3.19E-01	3.54E-01	3.98E-01	3.35E-06	3.23E-06	3.28E-06	3.33E-06	3.54E-06	3.98E-06	23
3.98E-01	4.02E-01	4.46E-01	5.02E-01	4.22E-06	4.07E-06	4.13E-06	4.20E-06	4.46E-06	5.02E-06	18
5.02E-01	5.07E-01	5.62E-01	6.32E-01	5.32E-06	5.13E-06	5.20E-06	5.29E-06	5.62E-06	6.32E-06	14
6.32E-01	6.39E-01	7.08E-01	7.96E-01	6.70E-06	6.46E-06	6.56E-06	6.67E-06	7.08E-06	7.96E-06	11
7.96E-01	8.05E-01	8.92E-01	1.00E 00	8.45E-06	8.14E-06	8.27E-06	8.41E-06	8.92E-06	1.00E-05	9
1.00E 00	1.01E 00	1.12E 00	1.26E 00	1.06E-05	1.03E-05	1.04E-05	1.06E-05	1.12E-05	1.26E-05	7
1.26E 00	1.27E 00	1.41E 00	1.59E 00	1.34E-05	1.29E-05	1.31E-05	1.34E-05	1.41E-05	1.59E-05	6
1.59E 00	1.61E 00	1.78E 00	2.00E 00	1.69E-05	1.63E-05	1.65E-05	1.68E-05	1.78E-05	2.00E-05	5
2.00E 00	2.02E 00	2.24E 00	2.51E 00	2.13E-05	2.05E-05	2.08E-05	2.12E-05	2.24E-05	2.51E-05	4
2.51E 00	2.54E 00	2.82E 00	3.16E 00	2.68E-05	2.59E-05	2.62E-05	2.67E-05	2.82E-05	3.16E-05	3
3.16E 00	3.20E 00	3.55E 00	3.98E 00	3.38E-05	3.26E-05	3.30E-05	3.36E-05	3.55E-05	3.98E-05	2
3.98E 00	4.03E 00	4.47E 00	5.02E 00	4.25E-05	4.11E-05	4.16E-05	4.23E-05	4.47E-05	5.02E-05	1
5.02E 00	5.08E 00	5.64E 00	6.32E 00	5.36E-05	5.18E-05	5.24E-05	5.33E-05	5.64E-05	6.32E-05	1
6.32E 00	6.40E 00	7.10E 00	7.96E 00	6.75E-05	6.52E-05	6.60E-05	6.72E-05	7.10E-05	7.96E-05	1
7.96E 00	8.06E 00	8.94E 00	1.00E 01	8.50E-05	8.22E-05	8.32E-05	8.46E-05	8.94E-05	1.00E-04	1
1.00E 01	1.01E 01	1.13E 01	1.26E 01	1.07E-04	1.04E-04	1.05E-04	1.07E-04	1.13E-04	1.26E-04	1
1.26E 01	1.28E 01	1.42E 01	1.59E 01	1.35E-04	1.30E-04	1.32E-04	1.35E-04	1.42E-04	1.59E-04	1
1.59E 01	1.61E 01	1.79E 01	2.00E 01	1.70E-04	1.64E-04	1.66E-04	1.69E-04	1.79E-04	2.00E-04	1
2.00E 01	2.03E 01	2.25E 01	2.51E 01	2.14E-04	2.07E-04	2.09E-04	2.13E-04	2.25E-04	2.51E-04	1

TABLE [illegible] ALASKA ATTENUATION FOR 10.0 [illegible], 30 DEGREES [illegible]
TABULATED AS A FUNCTION OF RAINFALL RATE

INTERVAL R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	[illegible] ATTN (DB/KM)	[illegible] ATTN (DB/KM)	[illegible] ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.00E 00	2.00E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4.00E 00	[illegible]	5.00E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	

TOTAL N [illegible]

TABLE [illegible] ALASKA ATTENUATION FOR [illegible]
TABULATED AS A FUNCTION OF RAINFALL RATE

INTERVAL R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	[illegible] ATTN (DB/KM)	[illegible] ATTN (DB/KM)	[illegible] ATTN (DB/KM)	MAX ATTN (DB/KM)	N
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL N [illegible]

TABLE . . ALASKA ATTENUATION FOR 5.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	8.25E-04	7.10E-04	7.73E-04	8.13E-04	8.69E-04	1.31E-03	60
1.26E-01	1.26E-01	1.43E-01	1.57E-01	1.05E-03	8.79E-04	9.90E-04	1.04E-03	1.10E-03	1.44E-03	66
1.58E-01	1.59E-01	1.77E-01	1.99E-01	1.30E-03	1.12E-03	1.19E-03	1.29E-03	1.38E-03	1.73E-03	79
2.00E-01	2.01E-01	2.27E-01	2.51E-01	1.69E-03	1.42E-03	1.58E-03	1.68E-03	1.76E-03	2.73E-03	108
2.51E-01	2.52E-01	2.83E-01	3.16E-01	2.10E-03	1.81E-03	1.95E-03	2.06E-03	2.20E-03	3.18E-03	120
3.16E-01	3.17E-01	3.59E-01	3.99E-01	2.69E-03	2.29E-03	2.43E-03	2.57E-03	2.77E-03	6.67E-03	142
3.98E-01	3.99E-01	4.52E-01	5.00E-01	3.37E-03	2.79E-03	3.03E-03	3.35E-03	3.55E-03	7.25E-03	139
5.01E-01	5.02E-01	5.67E-01	6.30E-01	4.36E-03	3.52E-03	3.94E-03	4.26E-03	4.55E-03	7.20E-03	240
6.31E-01	6.31E-01	7.08E-01	7.94E-01	5.63E-03	4.61E-03	4.98E-03	5.34E-03	5.81E-03	1.96E-02	256
7.94E-01	7.96E-01	8.96E-01	1.00E 00	7.34E-03	5.60E-03	6.34E-03	6.93E-03	7.58E-03	2.99E-02	256
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.61E-03	7.24E-03	8.24E-03	9.04E-03	1.02E-02	2.47E-02	241
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.18E-02	8.93E-03	1.02E-02	1.12E-02	1.26E-02	2.47E-02	208
1.58E 00	1.59E 00	1.77E 00	1.99E 00	1.63E-02	1.14E-02	1.36E-02	1.50E-02	1.73E-02	6.14E-02	215
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.12E-02	1.45E-02	1.69E-02	1.88E-02	2.24E-02	7.08E-02	167
2.51E 00	2.52E 00	2.82E 00	3.15E 00	2.85E-02	1.88E-02	2.26E-02	2.54E-02	3.21E-02	1.02E-01	133
3.16E 00	3.17E 00	3.57E 00	3.98E 00	3.52E-02	2.32E-02	2.78E-02	3.08E-02	3.69E-02	1.15E-01	96
3.98E 00	4.00E 00	4.46E 00	5.00E 00	4.29T-02	3.02E-02	3.68E-02	4.22E-02	5.60E-02	1.35E-01	51
5.01E 00	5.05E 00	5.49E 00	6.30E 00	6.23E-02	3.74E-02	4.67E-02	5.67E-02	6.90E-02	1.66E-01	36
6.31E 00	6.34E 00	6.96E 00	7.90E 00	8.16E-02	4.63E-02	5.72E-02	7.21E-02	9.92E-02	2.49E-01	23
7.94E 00	8.03E 00	8.93E 00	9.86E 00	1.19E-01	5.96E-02	7.55E-02	1.03E-01	1.33E-01	3.96E-01	14
1.00E 01	1.01E 01	1.12E 01	1.25E 01	1.59E-01	9.15E-02	1.21E-01	1.59E-01	1.99E-01	2.19E-01	9
1.26E 01	1.26E 01	1.36E 01	1.46E 01	2.32E-01	2.16E-01	2.20E-01	2.26E-01	2.44E-01	2.80E-01	4
1.58E 01	1.62E 01	1.72E 01	1.91E 01	3.32E-01	2.96E-01	3.04E-01	3.22E-01	3.46E-01	3.89E-01	4
2.00E 01	2.03E 01	2.03E 01	2.03E 01	1.55E-01	1.55E-01				1.55E-01	1
2.51E 01	2.65E 01	2.65E 01	2.65E 01	2.76E-01	2.76E-01				2.76E-01	1

TOTAL N: 2676

TABLE . . ALASKA ATTENUATION FOR 1.87 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	3.26E-03	2.70E-03	2.94E-03	3.18E-03	3.36E-03	6.67E-03	60
1.26E-01	1.26E-01	1.43E-01	1.57E-01	4.14E-03	3.35E-03	3.69E-03	4.11E-03	4.49E-03	7.13E-03	66
1.58E-01	1.59E-01	1.77E-01	1.99E-01	5.24E-03	4.27E-03	4.69E-03	5.05E-03	5.46E-03	8.53E-03	79
2.00E-01	2.01E-01	2.27E-01	2.51E-01	6.74E-03	5.37E-03	6.01E-03	6.5CE-03	7.22E-03	1.32E-02	108
2.51E-01	2.52E-01	2.83E-01	3.16E-01	8.51E-03	6.73E-03	7.62E-03	8.14E-03	8.90E-03	1.54E-02	120
3.16E-01	3.17E-01	3.59E-01	3.98E-01	1.05E-02	8.52E-03	9.40E-03	1.02E-02	1.09E-02	2.41E-02	142
3.98E-01	3.99E-01	4.52E-01	5.00E-01	1.40E-02	1.07E-02	1.24E-02	1.33E-02	1.53E-02	2.30E-02	139
5.01E-01	5.02E-01	5.67E-01	6.30E-01	1.86E-02	1.35E-02	1.66E-02	1.73E-02	2.00E-02	3.40E-02	240
6.31E-01	6.31E-01	7.08E-01	7.94E-01	2.41E-02	1.70E-02	2.04E-02	2.25E-02	2.63E-02	5.05E-02	256
7.94E-01	7.96E-01	8.96E-01	1.00E 00	3.16E-02	2.13E-02	2.63E-02	2.99E-02	3.50E-02	5.96E-02	256
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.26E-02	2.83E-02	3.54E-02	4.03E-02	4.82E-02	7.35E-02	241
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.31E-02	3.64E-02	4.44E-02	5.13E-02	5.87E-02	9.60E-02	208
1.58E 00	1.59E 00	1.77E 00	1.99E 00	7.35E-02	4.74E-02	5.96E-02	7.06E-02	8.25E-02	1.33E-01	215
2.00E 00	2.00E 00	2.24E 00	2.51E 00	9.77E-02	5.77E-02	7.66E-02	9.89E-02	1.05E-01	1.74E-01	167
2.51E 00	2.52E 00	2.82E 00	3.15E 00	1.27E-01	9.19E-02	1.06E-01	1.21E-01	1.47E-01	2.02E-01	133
3.16E 00	3.17E 00	3.57E 00	3.98E 00	1.56E-01	9.13E-02	1.26E-01	1.45E-01	1.72E-01	2.49E-01	96
3.98E 00	4.00E 00	4.46E 00	5.00E 00	2.08E-01	1.29E-01	1.72E-01	2.05E-01	2.46E-01	3.17E-01	61
5.01E 00	5.05E 00	5.49E 00	6.30E 00	2.72E-01	1.61E-01	2.21E-01	2.66E-01	3.10E-01	4.10E-01	36
6.31E 00	6.34E 00	6.96E 00	7.90E 00	3.29E-01	1.94E-01	2.44E-01	3.13E-01	4.08E-01	5.55E-01	23
7.94E 00	8.03E 00	8.93E 00	9.86E 00	4.69E-01	2.34E-01	3.58E-01	4.54E-01	5.84E-01	7.17E-01	14
1.00E 01	1.01E 01	1.12E 01	1.25E 01	7.05E-01	4.41E-01	5.88E-01	7.31E-01	8.44E-01	9.71E-01	9
1.26E 01	1.26E 01	1.36E 01	1.46E 01	9.82E-01	9.27E-01	9.42E-01	9.60E-01	1.02E 00	1.08E 00	4
1.58E 01	1.62E 01	1.72E 01	1.91E 01	1.27E 00	1.17E 00	1.18E 00	1.23E 00	1.35E 00	1.43E 00	4
2.00E 01	2.03E 01	2.03E 01	2.03E 01	7.14E-01	7.14E-01				7.14E-01	1
2.51E 01	2.65E 01	2.65E 01	2.65E 01	1.33E 00	1.33E 00				1.33E 00	1

TOTAL N: 2676

TABLE . ALASKA ATTENUATION FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.14E-01	1.25E-01	2.20E-02	1.76E-02	2.00E-02	2.17E-02	2.30E-02	3.39E-02	[illegible]
1.26E-01	1.26E-01	1.43E-01	1.57E-01	2.78E-02	2.11E-02	2.51E-02	2.75E-02	3.06E-02	4.34E-02	65
1.58E-01	1.59E-01	1.77E-01	1.99E-01	3.51E-02	2.70E-02	3.09E-02	3.41E-02	3.77E-02	[illegible]	[illegible]
2.00E-01	2.01E-01	2.27E-01	2.51E-01	4.49E-02	3.40E-02	3.96E-02	4.39E-02	5.01E-02	[illegible]	109
2.51E-01	2.52E-01	2.83E-01	3.16E-01	5.66E-02	4.30E-02	5.04E-02	5.55E-02	[illegible]	[illegible]	[illegible]
[illegible]	3.17E-01	[illegible]	3.98E-01	6.94E-02	5.34E-02	6.26E-02	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.00E-01	[illegible]	6.92E-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5.02E-01	5.67E-01	6.30E-01	1.21E-01	8.51E-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6.31E-01	6.31E-01	7.04E-01	7.94E-01	1.55E-01	1.12E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.94E-01	7.56E-01	8.95E-01	1.00E 00	2.00E-01	1.36E-01	1.79E-01	1.97E-01	[illegible]	[illegible]	[illegible]
1.00E 00	1.01E 00	1.13E 00	1.25E 00	2.63E-01	1.89E-01	2.39E-01	[illegible]	[illegible]	[illegible]	[illegible]
1.26E 00	1.26E 00	1.41E 00	1.58E 00	3.29E-01	2.46E-01	3.01E-01	3.29E-01	3.55E-01	[illegible]	[illegible]
1.58E 00	1.59E 00	1.77E 00	1.99E 00	4.16E-01	3.14E-01	4.01E-01	[illegible]	[illegible]	[illegible]	[illegible]
2.00E 00	2.00E 00	2.24E 00	2.51E 00	5.47E-01	3.72E-01	5.03E-01	5.48E-01	5.95E-01	[illegible]	167
2.51E 00	2.52E 00	2.82E 00	3.15E 00	7.15E-01	4.88E-01	6.57E-01	7.16E-01	[illegible]	[illegible]	[illegible]
3.16E 00	3.17E 00	3.57E 00	3.98E 00	8.79E-01	6.17E-01	8.16E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4.00E 00	4.45E 00	5.00E 00	1.13E 00	7.65E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.43E 00	1.04E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6.31E 00	6.39E 00	6.96E 00	7.90E 00	1.72E 00	1.35E 00	1.56E 00	1.70E 00	[illegible]	2.15E 00	23
[illegible]	[illegible]	[illegible]	[illegible]	2.26E 00	1.57E 00	2.12E 00	[illegible]	[illegible]	[illegible]	15
1.00E 01	1.12E 01	1.17E 01	1.25E 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.26E 01	1.26E 01	1.36E 01	1.45E 01	3.95E 00	3.61E 00	3.72E 00	3.84E 00	[illegible]	[illegible]	[illegible]
1.58E 01	1.62E 01	1.72E 01	1.91E 01	4.66E 00	4.39E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.00E 01	2.04E 01	2.03E 01	2.03E 01	4.87E 00	4.87E 00				[illegible]	[illegible]
[illegible]	[illegible]	2.65E 01	2.65E 01	7.16E 00	7.16E 00				[illegible]	[illegible]

TOTAL N [illegible]

TABLE . ALASKA ATTENUATION FOR [illegible] CM, [illegible] DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.14E-01	[illegible]	1.07E-01	6.13E-02	1.02E-01	1.07E-01	[illegible]	[illegible]	[illegible]
1.26E-01	1.26E-01	1.43E-01	1.57E-01	1.32E-01	9.59E-02	1.25E-01	1.34E-01	[illegible]	[illegible]	[illegible]
1.58E-01	1.59E-01	1.77E-01	1.99E-01	1.62E-01	1.17E-01	1.57E-01	[illegible]	[illegible]	[illegible]	[illegible]
2.00E-01	2.01E-01	2.27E-01	2.51E-01	2.09E-01	9.68E-02	1.97E-01	2.11E-01	[illegible]	[illegible]	[illegible]
2.51E-01	2.52E-01	2.83E-01	3.16E-01	2.59E-01	1.56E-01	2.45E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	3.17E-01	3.54E-01	3.98E-01	3.26E-01	1.39E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.52E-01	5.00E-01	4.11E-01	2.07E-01	[illegible]	4.15E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.67E-01	6.30E-01	4.94E-01	3.11E-01	4.66E-01	[illegible]	[illegible]	[illegible]	[illegible]
6.31E-01	[illegible]	7.05E-01	7.94E-01	5.11E-01	2.24E-01	[illegible]	6.24E-01	[illegible]	[illegible]	[illegible]
7.94E-01	7.56E-01	8.95E-01	1.00E 00	7.56E-01	2.51E-01	[illegible]	7.74E-01	[illegible]	[illegible]	[illegible]
[illegible]	1.01E 00	1.13E 00	1.25E 00	9.08E-01	5.10E-01	7.44E-01	[illegible]	[illegible]	[illegible]	[illegible]
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.13E 00	4.45E-01	1.01E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.59E 00	1.77E 00	1.99E	[illegible]	3.19E-01	1.15E 00	1.32E 00	[illegible]	[illegible]	[illegible]
2.00E 00	[illegible]	2.24E 00	[illegible]	1.66E 00	5.94E-01	1.37E 00	1.70E 00	1.73E 00	[illegible]	[illegible]
2.51E 00	2.52E 00	[illegible]	3.15E 00	1.95E 00	8.51E-01	1.65E 00	[illegible]	[illegible]	[illegible]	[illegible]
3.16E 00	3.17E 00	3.57E 00	3.98E 00	[illegible]	1.31E 00	2.24E 00	2.57E 00	[illegible]	[illegible]	[illegible]
[illegible]	4.00E 00	[illegible]	5.00E 00	[illegible]	9.82E-01	2.51E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	3.37E 00	1.39E 00	2.90E	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	4.61E 00	1.68E 00	3.45E	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	8.40E 00	[illegible]	5.19E 00	2.07E 00	[illegible]	4.95E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.17E 01	1.25E 01	[illegible]	3.55E 00	3.46E 00	[illegible]	[illegible]	[illegible]	[illegible]
1.26E 01	1.26E 01	[illegible]	[illegible]	4.51E 00	3.35E 00	4.12E 00	4.36E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.72E 01	[illegible]	5.27E 00	4.97E 00	4.98E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.03E 01	1.73E 01	1.73E 01				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.60E 01	1.60E 01				[illegible]	[illegible]

TOTAL N [illegible]

TABLE . ALASKA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR EQ.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
2.51E-11	2.78E-11	2.95E-11	3.12E-11	1.13E-01	9.29E-02	9.98E-02	1.10E-01	1.21E-01	1.34E-01	12
3.16E-11	3.21E-11	3.64E-11	3.98E-11	1.26E-01	9.47E-02	1.03E-01	1.18E-01	1.41E-01	1.82E-01	13
3.98E-11	3.55E-11	4.06E-11	4.98E-11	1.32E-01	9.90E-02	1.16E-01	1.21E-01	1.50E-01	2.26E-01	45
5.01E-11	5.26E-11	5.66E-11	6.29E-11	1.36E-01	9.77E-02	1.06E-01	1.67E-01	2.04E-01	3.82E-01	41
6.31E-11	6.31E-11	7.08E-11	7.87E-11	1.49E-01	1.17E-01	1.56E-01	1.94E-01	2.32E-01	3.26E-01	49
7.94E-11	7.94E-11	8.93E-11	1.00E-10	2.38E-01	1.11E-01	1.82E-01	2.15E-01	2.85E-01	3.44E-01	86
1.00E-10	1.00E-10	1.13E-10	1.26E-10	2.96E-01	1.39E-01	2.61E-01	2.91E-01	3.61E-01	5.13E-01	83
1.26E-10	1.26E-10	1.41E-10	1.58E-10	3.21E-01	1.36E-01	2.68E-01	3.22E-01	3.83E-01	5.63E-01	115
1.58E-10	1.59E-10	1.77E-10	1.99E-10	4.01E-01	1.27E-01	3.02E-01	3.85E-01	4.90E-01	9.32E 01	130
2.00E-10	2.00E-10	2.26E-10	2.50E-10	5.09E-01	1.88E-01	4.08E-01	5.08E-01	6.03E-01	8.63E-01	121
2.51E-10	2.52E-10	2.84E-10	3.16E-10	5.66E-01	2.99E-01	4.99E-01	5.58E-01	6.33E-01	9.69E-01	123
3.17E-10	3.17E-10	3.53E-10	3.97E-10	6.69E-01	3.63E-01	5.70E-01	6.53E-01	8.09E-01	1.03E 00	157
3.98E-10	4.61E-10	4.44E-10	5.01E-10	7.60E-01	2.10E-01	6.38E-01	7.62E-01	8.76E-01	1.41E 00	159
5.01E-10	5.02E-10	5.61E-10	6.32E-10	8.87E-01	4.74E-01	7.16E-01	8.60E-01	1.02E 00	1.79E 00	161
6.31E-10	6.31E-10	7.07E-10	7.94E-10	1.03E 00	3.70E-01	8.22E-01	1.01E 00	1.22E 00	2.14E 00	171
7.94E-10	7.95E-10	8.91E-10	1.00E-09	1.16E 00	5.34E-01	9.34E-01	1.16E 00	1.34E 00	2.46E 00	141
1.00E-09	1.01E-09	1.13E-09	1.25E-09	1.33E 00	8.54E-01	1.05E 00	1.32E 00	1.58E 00	3.04E 00	160
1.26E-09	1.26E-09	1.41E-09	1.58E-09	1.61E 00	6.67E-01	1.28E 00	1.57E 00	1.97E 00	3.57E 00	140
1.58E-09	1.59E-09	1.77E-09	1.99E-09	1.84E 00	8.91E-01	1.46E 00	1.85E 00	2.16E 00	3.61E 00	148
2.00E-09	2.00E-09	2.24E-09	2.50E-09	2.15E 00	8.75E-01	1.68E 00	2.02E 00	2.56E 00	4.43E 00	125
2.51E-09	2.52E-09	2.82E-09	3.16E-09	2.68E 00	8.53E-01	1.88E 00	2.17E 00	2.95E 00	5.13E 00	117
3.17E-09	3.17E-09	3.56E-09	3.98E-09	3.07E 00	1.53E 00	2.21E 00	2.81E 00	3.44E 00	6.33E 00	61
3.98E-09	3.98E-09	4.47E-09	5.01E-09	3.40E 00	1.35E 00	2.69E 00	3.05E 00	4.16E 00	7.43E 00	71
5.01E-09	5.02E-09	5.63E-09	6.32E-09	3.70E 00	1.33E-01	2.70E 00	3.24E 00	4.45E 00	8.17E 00	57
6.31E-09	6.31E-09	7.09E-09	7.95E-09	4.15E 00	2.02E 00	2.97E 00	3.71E 00	5.04E 00	8.32E 00	31
7.94E-09	7.95E-09	8.92E-09	9.92E-09	5.07E 00	1.99E 00	3.97E 00	4.71E 00	5.45E 00	9.63E 00	29
1.00E-08	1.00E-08	1.12E-08	1.25E-08	5.36E 00	1.97E 00	4.23E 00	5.14E 00	6.44E 00	1.12E 01	14
1.26E-08	1.27E-08	1.42E-08	1.58E-08	7.05E 00	3.86E 00	4.84E 00	6.24E 00	8.02E 00	1.25E 01	11
1.58E-08	1.60E-08	1.78E-08	1.99E-08	7.22E 00	2.44E 00	6.51E 00	7.56E 00	8.59E 00	1.27E 01	11
2.00E-08	2.00E-08	2.24E-08	2.47E-08	9.12E 00	4.29E 00	5.54E 00	8.75E 00	9.46E 00	1.15E 01	5
2.51E-08	2.76E-08	2.78E-08	3.01E-08	8.93E 00	6.00E 00				9.39E 00	3
3.16E-08	3.17E-08	3.63E-08	3.96E-08	1.33E 01	6.93E 00	1.15E 01	1.25E 01	1.35E 01	2.69E 01	9
3.98E-08	4.01E-08	4.48E-08	4.87E-08	9.10E 00	5.39E 00				1.44E 01	4
5.01E-08	5.07E-08	5.64E-08	6.27E-08	1.35E 01	3.98E 00	1.01E 01	1.44E 01	1.64E 01	1.71E 01	4
6.31E-08	6.39E-08	7.08E-08	7.88E-08	1.43E 01	9.48E 00				1.91E 01	2

TOTAL N 2086

TABLE · ALASKA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-09	1.07E-09	1.16E-09	1.24E-09	1.14E-01	9.29E-02	1.00E-01	1.11E-01	1.29E-01	1.54E-01	13
1.26E-09	1.26E-09	1.43E-09	1.58E-09	1.24E-01	9.47E-02	1.07E-01	1.19E-01	[illegible]	[illegible]	[illegible]
1.58E-09	1.59E-09	1.76E-09	1.96E-09	1.35E-01	9.10E-02	1.13E-01	1.25E-01	1.56E-01	2.26E-01	61
2.00E-09	2.00E-09	2.21E-09	2.49E-09	1.78E-01	9.77E-02	1.45E-01	1.70E-01	2.08E-01	3.32E-01	84
2.51E-09	2.52E-09	2.81E-09	3.15E-09	2.00E-01	1.17E-01	1.52E-01	2.06E-01	2.37E-01	4.26E-01	77
3.16E-09	3.17E-09	3.57E-09	3.98E-09	2.50E-01	1.11E-01	2.04E-01	2.45E-01	3.00E-01	[illegible]	[illegible]
3.98E-09	4.03E-09	4.52E-09	5.00E-09	2.96E-01	1.30E-01	[illegible]	2.89E-01	[illegible]	[illegible]	[illegible]
5.01E-09	[illegible]	[illegible]	[illegible]	3.27E-01	1.52E-01	2.52E-01	3.27E-01	[illegible]	[illegible]	[illegible]
6.31E-09	6.32E-09	7.02E-09	7.92E-09	4.23E-01	1.22E 01	3.76E-01	4.15E-01	5.03E-01	9.32E-01	[illegible]
7.94E-09	7.95E-09	8.39E-09	[illegible]	5.13E-01	[illegible]	4.18E-01	5.23E-01	6.29E-01	8.63E-01	[illegible]
1.00E-08	1.01E-08	1.13E-08	1.25E-08	5.87E-01	3.08E-01	5.09E-01	5.80E-01	6.56E-01	9.45E-01	126
1.26E-08	1.26E-08	[illegible]	1.59E-08	6.83E-01	2.10E-01	5.86E-01	6.66E-01	7.80E-01	1.23E 00	[illegible]
1.58E-08	1.59E-08	1.78E-08	1.99E-08	7.70E-01	2.66E-01	6.39E-01	7.72E-01	8.75E-01	1.61E 00	162
2.00E-08	2.00E-08	2.23E-08	2.51E-08	9.41E-01	5.22E-01	7.43E-01	9.36E-01	1.08E 00	2.13E 00	[illegible]
2.51E-08	2.52E-08	2.82E-08	3.16E-08	1.04E 00	3.70E-01	8.43E-01	1.00E 00	1.22E 00	[illegible]	[illegible]
3.16E-08	3.17E-08	3.57E-08	3.98E-08	1.17E 00	3.58E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3.98E-08	4.00E-08	4.45E-08	5.01E-08	1.43E 00	6.67E-01	1.15E 00	[illegible]	[illegible]	[illegible]	[illegible]
5.01E-08	5.02E-08	5.64E-08	6.29E-08	1.68E 00	8.25E-01	1.32E 00	1.65E 00	1.96E 00	3.57E 00	145
6.31E-08	6.31E-08	7.03E-08	7.93E-08	1.88E 00	6.75E-01	1.51E 00	1.85E 00	2.21E 00	[illegible]	[illegible]
7.94E-08	7.96E-08	8.97E-08	[illegible]	2.29E 00	8.53E-01	1.80E 00	[illegible]	[illegible]	[illegible]	[illegible]
1.00E-07	1.00E-07	1.12E-07	1.25E-07	2.61E 00	7.53E 01	2.04E 00	2.75E 00	3.19E 00	[illegible]	[illegible]
1.26E-07	1.26E-07	1.40E-07	1.58E-07	3.19E 00	1.35E 00	2.36E 00	2.90E 00	[illegible]	[illegible]	[illegible]
1.58E-07	1.59E-07	1.79E-07	1.99E-07	3.59E 00	6.39E-01	2.80E 00	3.45E 00	[illegible]	[illegible]	[illegible]
2.00E-07	2.01E-07	2.21E-07	2.48E-07	4.09E 00	2.08E 00	3.01E 00	3.84E 00	[illegible]	[illegible]	[illegible]
2.51E-07	2.54E-07	2.85E-07	3.16E-07	4.74E 00	1.98E 00	3.22E 00	4.51E 00	[illegible]	[illegible]	[illegible]
3.16E-07	3.20E-07	3.58E-07	3.98E-07	5.60E 00	2.13E 00	4.51E 00	5.04E 00	6.40E 00	[illegible]	[illegible]
3.98E-07	4.00E-07	4.50E-07	5.00E-07	4.40E 00	1.67E 00	3.86E 00	4.74E 00	[illegible]	[illegible]	[illegible]
5.01E-07	5.08E-07	5.64E-07	6.13E-07	9.05E 00	6.30E 00	6.62E 00	7.59E 00	[illegible]	[illegible]	[illegible]
6.31E-07	6.38E-07	7.13E-07	7.87E-07	7.65E 00	2.43E 00	4.18E 00	8.41E 00	[illegible]	[illegible]	[illegible]
7.94E-07	8.47E-07	8.84E-07	9.61E-07	9.51E 00	8.90E 00				[illegible]	[illegible]
1.00E-06	1.12E-06	1.16E-06	1.23E-06	1.16E 01	1.13E 01				[illegible]	3
1.26E-06	1.28E-06	1.38E-06	1.57E-06	1.27E 01	4.00E 00	8.37E 00	1.30E 01	[illegible]	[illegible]	[illegible]
1.58E-06	1.74E-06	1.83E-06	1.98E-06	1.16E 01	5.39E 00	6.35E 00	[illegible]	[illegible]	[illegible]	[illegible]
2.00E-06	2.01E-06	[illegible]	2.48E-06	1.17E 01	6.43E 00				[illegible]	1
2.51E-06	2.62E-06	2.62E-06	2.62E-06	1.62E 01	1.62E 01				[illegible]	1
3.16E-06										
3.98E-06	4.88E-06	4.88E-06	4.88E-06	3.98E 00	3.98E 00				[illegible]	[illegible]

[illegible]

TABLE --. ALASKA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

INTERVAL ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	PEAK R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MEA R (MM/HR)	N
2.91E-09	2.50E-09	2.88E-09	3.16E-09	1.15E-01	9.29E-02	1.01E-01	1.10E-01	1.32E-01	1.56E-01	18
3.16E-09	3.20E-09	3.51E-09	3.98E-09	1.24E-01	9.30E-02	1.06E-01	1.19E-01	1.49E-01	1.82E-01	39
3.98E-09	4.02E-09	4.43E-09	5.01E-09	1.45E-01	9.68E-02	1.17E-01	1.33E-01	1.67E-01	1.32E-01	45
5.01E-09	5.06E-09	5.57E-09	6.30E-09	1.85E-01	1.06E-01	1.56E-01	1.80E-01	2.18E-01	1.25E-01	67
6.31E-09	7.93E-09	7.32E-09	7.92E-09	2.03E-01	1.17E-01	1.93E-01	2.05E-01	2.38E-01	1.31E 01	70
7.95E-09	7.96E-09	8.91E-09	1.00E-08	2.56E 00	1.11E-01	2.07E-01	2.57E-01	3.09E-01	4.43E-01	91
1.00E-08	1.01E-08	1.12E-08	1.26E-08	3.22E 00	1.35E-01	2.44E-01	3.03E-01	3.49E-01	5.13E-01	90
1.26E-08	1.27E-08	1.42E-08	1.59E-08	3.49E-01	1.52E-01	2.47E-01	3.36E-01	4.16E-01	5.79E-01	125
1.58E-08	1.59E-08	1.77E-08	1.99E-08	4.34E-01	1.22E-01	3.31E-01	4.22E-01	5.36E-01	8.32E-01	126
1.99E-08	2.00E-08	2.23E-08	2.51E-08	5.32E-01	2.55E-01	4.35E-01	5.40E-01	6.11E-01	8.63E-01	123
2.51E-08	2.52E-08	2.80E-08	3.16E-08	5.99E-01	3.23E-01	5.07E-01	5.85E-01	6.83E-01	9.62E-01	146
3.16E-08	3.17E-08	3.54E-08	3.98E-08	7.00E-01	2.10E-01	5.97E-01	6.73E-01	7.96E-01	1.43E 00	152
3.98E-08	3.99E-08	4.48E-08	5.01E-08	7.97E-01	4.68E-01	6.75E-01	7.82E-01	9.89E-01	1.40E 00	165
5.01E-08	5.02E-08	5.60E-08	6.30E-08	9.59E-01	3.10E-01	7.55E-01	9.69E-01	1.13E 00	2.19E 00	149
6.31E-08	6.33E-08	7.05E-08	7.92E-08	1.04E 00	4.05E-01	8.63E-01	1.03E 00	1.24E 00	2.46E 00	165
7.94E-08	7.95E-08	8.93E-08	1.00E-07	1.20E 00	3.58E-01	9.57E-01	1.20E 00	1.44E 00	2.43E 00	167
1.00E-07	1.01E-07	1.12E-07	1.25E-07	1.44E 00	6.67E-01	1.21E 00	1.44E 00	1.65E 00	3.23E 00	152
1.26E-07	1.27E-07	1.41E-07	1.59E-07	1.74E 00	8.91E-01	1.41E 00	1.73E 00	2.05E 00	3.57E 00	151
1.58E-07	1.59E-07	1.77E-07	1.99E-07	2.01E 00	6.75E-01	1.60E 00	1.91E 00	2.39E 00	3.65E 00	123
1.99E-07	2.00E-07	2.23E-07	2.51E-07	2.25E 00	8.53E-01	1.78E 00	2.05E 00	2.63E 00	4.49E 00	121
2.51E-07	2.52E-07	2.80E-07	3.16E-07	2.79E 00	7.53E-01	2.18E 00	2.90E 00	3.22E 00	4.03E 00	117
3.16E-07	3.17E-07	3.53E-07	3.98E-07	3.22E 00	1.10E 00	2.44E 00	3.05E 00	3.81E 00	7.40E 00	65
3.98E-07	3.99E-07	4.43E-07	5.01E-07	3.83E 00	1.30E 00	2.40E 00	3.66E 00	4.33E 00	9.17E 00	66
5.01E-07	5.03E-07	5.59E-07	6.30E-07	4.62E 00	1.35E-01	2.95E 00	3.71E 00	4.64E 00	6.87E 00	43
6.31E-07	6.34E-07	7.05E-07	7.92E-07	4.89E 00	2.08E 00	3.30E 00	4.42E 00	6.21E 00	9.63E 00	35
7.94E-07	7.99E-07	8.88E-07	9.96E-07	5.53E 00	1.94E 00	4.32E 00	5.15E 00	6.62E 00	1.12E 01	24
1.00E-06	1.01E-06	1.10E-06	1.23E-06	6.63E 00	2.13E 00	3.72E 00	6.78E 00	9.26E 00	8.72E 00	14
1.26E-06	1.27E-06	1.40E-06	1.56E-06	8.37E 00	3.48E 00	6.55E 00	7.29E 00	8.50E 00	1.03E 01	11
1.58E-06	1.60E-06	1.77E-06	1.96E-06	8.68E 00	1.67E 00	8.11E 00	9.16E 00	1.19E 01	1.24E 01	6
2.00E-06	2.06E-06	2.19E-06	2.36E-06	9.17E 00	1.77E 00	4.60E 00	8.80E 00	9.86E 00	9.46E 00	5
2.51E-06	2.71E-06	2.47E-06	3.16E-06	8.74E 00	2.63E 00	2.77E 00	1.15E 01	1.17E 01	1.25E 01	5
3.16E-06	3.18E-06	3.13E-06	3.42E-06	1.06E 01	1.26E 01	1. E 01	1.40E 01	1.76E 01	2.55E 01	5
3.98E-06	4.30E-06	4.64E-06	4.92E-06	1.26E 01	4.24E 00				1.71E 01	3
5.01E-06	5.14E-06	5.70E-06	6.19E-06	9.84E 00	4.00E 00				1.91E 01	3
6.31E-06	7.13E-06	7.36E-06	7.74E-06	4.63E 00	5.39E 00				1.62E 01	3
7.95E-06										
1.00E-05	1.02E-05	1.04E-05	1.15E-05	6.73E 00	3.98E 00				9.48E 00	2

TOTAL N: 2888

TABLE ... ALASKA ATTENUATION T... ATED AS A FUNCTION OF
REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
2.51E-11	2.78E-11	2.99E-11	3.12E-11	6.81E-05	5.13E-05	5.80E-05	6.52E-05	7.63E-05	1.05E-04	12
3.16E-11	3.21E-11	3.64E-11	3.98E-11	7.18E-05	4.94E-05	5.70E-05	6.73E-05	8.61E-05	1.23E-04	33
3.98E-11	3.99E-11	4.48E-11	4.98E-11	7.28E-05	4.49E-05	5.77E-05	6.43E-05	8.48E-05	1.54E-04	45
5.01E-11	5.06E-11	5.64E-11	6.29E-11	9.85E-05	4.57E-05	7.53E-05	9.01E-05	1.19E-04	2.63E-04	61
6.31E-11	6.31E-11	7.06E-11	7.9[illegible]E-11	1.09E-04	5.15E-05	7.71E-05	1.03E-04	1.33E-04	2.21E-04	67
7.94E-11	7.56E-11	9.00E-11	1.00E-10	1.28E-04	4.72E-05	8.76E-05	1.25E-04	1.61E-04	2.49E-04	86
1.00E-10	1.01E-10	1.13E-10	1.25E-10	1.59E-04	5.55E-05	1.18E-04	1.60E-04	1.88E-04	3.36E-04	93
1.26E-10	1.27E-10	1.43E-10	1.58E-10	1.54E-04	5.92E-05	1.15E-04	1.60E-04	2.05E-04	3.26E-04	115
1.58E-10	1.59E-10	1.79E-10	1.99E-10	2.06E-04	5.15E-05	1.37E-04	1.95E-04	2.61E-04	6.30E-04	139
2.00E-10	2.00E-10	2.26E-10	2.50E-10	2.63E-04	8.07E-05	1.94E-04	2.52E-04	3.16E-04	5.73E-04	121
2.51E-10	2.52E-10	2.85E-10	3.16E-10	2.77E-04	1.25E-04	2.34E-04	[illegible].66E-04	3.20E-04	4.58E-04	1[illegible]3
3.16E-10	3.17E-10	3.53E-10	3.97E-10	3.21E-04	1.35E-04	2.6[illegible]E-04	3.03E-04	3.65E-04	5.41E-04	157
3.98E-10	4.01E-10	4.49E-10	5.01E-10	3.58E-04	8.27E-05	2.78E-04	3.57E-04	4.19E-04	7.37E-04	153
5.01E-10	5.02E-10	5.63E-10	6.30E-10	4.11E-04	1.93E-04	3.24E-04	3.93E-04	4.81E-04	9.59E-04	161
6.31E-10	6.31E-10	7.17E-10	7.94E-10	4.67E-04	1.55E-04	3.59E-04	4.41E-04	5.62E-04	1.23E-03	171
7.94E-10	7.9[illegible]E-10	[illegible]	[illegible]	5.17E-04	2.20E-04	4.30E-04	[illegible]	[illegible]	1.43E-03	1[illegible]1
1.00E-09	1.01E-09	1.13E-09	1.25E-09	5.86E-04	1.53E-04	4.44E-04	5.71E-04	6.94E-04	1.59E-03	165
1.26E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]0
1.58E-09	1.59E-09	1.77E-09	1.99E-09	7.73E-04	4.49E-04	6.19E-04	7.54E-04	9.21E-04	1.65E-03	1[illegible]
2.00E-09	2.00E-09	2.24E-09	2.50E-09	9.04E-04	2.64E-04	6.94E-04	9.12E-04	1.07E-03	2.06E-03	125
2.51E-09	2.52E-09	2.82E-09	3.15E-09	1.03E-03	3.56E-04	7.52E-04	9.42E-04	1.24E-03	2.32E-03	117
3.16E-09	3.17E-09	3.48E-09	3.98E-09	1.25E-03	3.24E-04	9.0[illegible]E-04	1.17E-03	1.43E-03	4.31E-03	83
3.98E-09	3.99E-09	4.47E-09	5.01E-09	1.40E-03	5.37E-04	1.02E-03	1.27E-03	1.69E-03	3.54E-03	76
5.01E-09	5.02E-09	5.60E-09	6.30E-09	1.50E-03	3.95E-04	1.07E-03	1.3[illegible]E-03	1.75E-03	4.11E-03	57
6.31E-09	6.32E-09	7.09E-09	7.93E-09	1.68E-03	8.59E-04	1.17E-03	1.50E-03	2.19E-03	[illegible]	[illegible]
7.94E-09	8.00E-09	6.77E-09	9.92E-09	2.03E-03	8.62E-04	1.59E-03	1.8[illegible]E-03	2.17E-03	3.36E-03	29
1.00E-08	1.00E-08	1.08E-08	1.22E-08	2.18E-03	8.10E-04	1.69E-03	2.13E-03	2.67E-03	4.55E-03	23
1.26E-08	1.27E-08	1.42E-08	1.58E-08	3.02E-03	1.62E-03	1.82E-03	2.46E-03	3.1[illegible]E-03	5.49E-03	11
1.58E-08	1.62E-08	1.78E-08	1.93E-08	2.69E-03	1.22E-03	2.57E-03	2.95E-03	3.31E-03	4.74E-03	10
2.00E-08	2.00E-08	2.23E-08	2.47E-08	3.34E-03	2.30E-03	2.76E-03	3.37E-03	3.98E-03	4.62E-03	6
2.51E-08	2.76E-08	2.88E-08	3.01E-08	2.87E-03	2.01E-03				3.73E-03	2
3.16E-08	3.43E-08	3.63E-08	3.96E-08	5.25E-03	3.16E-03	4.42E-03	4.41E-03	5.19E-03	1.30E-02	9
3.98E-08	4.01E-08	4.48E-08	4.87E-08	3.92E-03	2.72E-03				5.54E-03	3
5.01E-08	5.0[illegible]E-08	5.54E-08	6.25E-08	5.66E-03	2.91E-03	4.70E-03	5.54E-03	6.[illegible]E-03	6.55E-03	4
6.31E-08	6.79E-08	6.93E-08	7.08E-08	6.05E-03	4.66E-03				7.44E-03	2

TOTAL N: 2[illegible]

TABLE . ALASKA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-09	1.03E-09	1.16E-09	1.24E-09	5.07E-04	3.88E-04	4.35E-04	4.83E-04	5.87E-04	7.39E-04	13
1.26E-09	1.26E-09	1.43E-09	1.58E-09	5.32E-04	3.93E-04	4.61E-04	5.05E-04	6.21E-04	8.65E-04	36
1.58E-09	1.55E-09	1.76E-09	1.96E-09	5.72E-04	3.72E-04	4.57E-04	5.05E-04	6.77E-04	1.08E-03	61
2.00E-09	2.00E-09	2.21E-09	2.49E-09	7.59E-04	3.90E-04	5.99E-04	6.96E-04	8.93E-04	1.79E-03	68
2.51E-09	2.45E-09	2.81E-09	3.15E-09	8.47E-04	4.64E-04	6.18E-04	8.54E-04	1.02E-03	1.56E-03	72
3.16E-09	3.17E-09	3.57E-09	3.98E-09	1.06E-03	4.77E-04	8.31E-04	1.03E-03	1.26E-03	1.74E-03	85
3.98E-09	4.00E-09	4.50E-09	5.00E-09	1.29E-03	5.90E-04	9.76E-04	1.20E-03	1.46E-03	2.43E-03	87
5.01E-09	5.02E-09	5.67E-09	6.30E-09	1.36E-03	6.88E-04	1.05E-03	1.33E-03	1.61E-03	2.39E-03	120
6.31E-09	6.32E-09	7.02E-09	7.92E-09	1.76E-03	6.36E-04	1.33E-03	1.68E-03	2.10E-03	3.45E-03	139
7.94E-09	7.95E-09	8.89E-09	9.98E-09	2.13E-03	8.82E-04	1.69E-03	2.10E-03	2.48E-03	4.16E-03	135
1.00E-08	1.01E-08	1.13E-08	1.25E-08	2.41E-03	1.30E-03	2.09E-03	2.36E-03	2.73E-03	3.97E-03	124
1.26E-08	1.26E-08	1.40E-08	1.58E-08	2.80E-03	1.26E-03	2.42E-03	2.74E-03	3.16E-03	4.85E-03	161
1.58E-08	1.59E-08	1.78E-08	1.99E-08	3.18E-03	1.48E-03	2.64E-03	3.17E-03	3.55E-03	5.95E-03	162
2.00E-08	2.00E-08	2.23E-08	2.51E-08	3.89E-03	2.37E-03	3.14E-03	3.84E-03	4.36E-03	9.26E-03	155
2.51E-08	2.52E-08	2.82E-08	3.16E-08	4.41E-03	2.17E-03	3.64E-03	4.16E-03	5.02E-03	1.08E-02	180
3.16E-08	3.17E-08	3.57E-08	3.98E-08	4.98E-03	2.87E-03	4.20E-03	4.98E-03	6.57E-03	9.59E-03	155
3.98E-08	4.00E-08	4.45E-08	5.01E-08	6.12E-03	3.08E-03	5.10E-03	5.93E-03	6.70E-03	[illegible]	141
5.01E-08	5.02E-08	5.60E-08	6.29E-08	7.29E-03	4.46E-03	6.02E-03	7.15E-03	8.02E-03	1.45E-02	145
6.31E-08	6.31E-08	7.03E-08	7.93E-08	8.88E-03	5.25E-03	7.13E-03	8.20E-03	9.24E-03	1.42E-02	140
7.94E-08	7.96E-08	8.87E-08	9.99E-08	1.04E-02	7.04E-03	8.73E-03	9.63E-03	1.11E-02	1.80E-02	132
1.00E-07	1.00E-07	1.12E-07	1.25E-07	1.23E-02	8.19E-03	1.05E-02	1.24E-02	1.35E-02	2.07E-02	104
1.26E-07	1.26E-07	1.40E-07	1.58E-07	1.52E-02	1.07E-02	1.28E-02	1.39E-02	1.59E-02	3.43E-02	74
1.58E-07	1.59E-07	1.77E-07	1.99E-07	1.77E-02	1.35E-02	1.56E-02	1.72E-02	1.94E-02	3.16E-02	71
2.00E-07	2.01E-07	2.21E-07	2.48E-07	2.13E-02	1.65E-02	1.85E-02	2.05E-02	2.29E-02	3.69E-02	42
2.51E-07	2.53E-07	2.85E-07	3.16E-07	2.62E-02	1.93E-02	2.25E-02	2.46E-02	2.86E-02	3.72E-02	34
3.16E-07	3.20E-07	3.59E-07	3.98E-07	3.20E-02	2.59E-02	2.82E-02	3.16E-02	3.52E-02	4.77E-02	29
3.98E-07	4.00E-07	4.50E-07	5.00E-07	3.59E-02	3.35E-02	3.44E-02	3.54E-02	3.71E-02	4.11E-02	10
5.01E-07	5.08E-07	5.68E-07	6.13E-07	5.05E-02	4.00E-02	4.43E-02	4.62E-02	5.11E-02	6.27E-02	13
6.31E-07	6.38E-07	7.13E-07	7.47E-07	5.66E-02	4.97E-02	5.38E-02	5.64E-02	5.97E-02	6.45E-02	5
7.94E-07	8.47E-07	8.48E-07	9.81E-07	6.80E-02	6.25E-02				6.90E-02	3
1.00E-06	1.12E-06	1.16E-06	1.23E-06	8.41E-02	8.03E-02				8.76E-02	3
1.26E-06	1.29E-06	1.38E-06	1.57E-06	9.82E-02	7.22E-02	8.92E-02	9.53E-02	1.05E-01	1.34E-01	8
1.58E-06	1.74E-06	1.88E-06	1.98E-06	1.29E-01	1.15E-01	1.21E-01	1.30E-01	1.37E-01	1.41E-01	4
2.00E-06	2.01E-06	2.26E-06	2.48E-06	1.50E-01	9.38E-02				1.94E-01	3
2.51E-06	2.62E-06	2.62E-06	2.62E-06	1.89E-01	1.84E-01				1.84E-01	1
3.16E-06										
3.98E-06	4.98E-06	4.88E-06	4.88E-06	9.59E-02	9.59E-02				9.59E-02	1

TOTAL N: 2686

TABLE ... ALASKA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
2.51E-09	2.59E-09	2.88E-09	3.16E-09	8.51E-04	6.59E-04	7.29E-04	8.10E-04	9.86E-04	1.22E-03	18
3.16E-09	3.20E-09	3.61E-09	3.98E-09	9.04E-04	6.57E-04	7.55E-04	8.49E-04	1.07E-03	1.43E-03	39
3.98E-09	4.02E-09	4.45E-09	5.00E-09	1.06E-03	6.96E-04	8.31E-04	9.43E-04	1.20E-03	2.92E-03	45
5.01E-09	5.03E-09	5.57E-09	6.29E-09	1.34E-03	7.69E-04	1.08E-03	1.28E-03	1.60E-03	2.57E-03	67
6.31E-09	6.32E-09	7.02E-09	7.92E-09	1.47E-03	8.43E-04	1.13E-03	1.48E-03	1.75E-03	2.44E-03	79
7.94E-09	7.96E-09	8.91E-09	1.00E-08	1.87E-03	8.90E-04	1.48E-03	1.94E-03	2.26E-03	3.74E-03	91
1.00E-08	1.01E-08	1.13E-08	1.25E-08	2.18E-03	1.16E-03	1.76E-03	2.20E-03	2.51E-03	3.98E-03	95
1.26E-08	1.26E-08	1.42E-08	1.58E-08	2.50E-03	1.32E-03	[illegible]	2.43E-03	2.94E-03	[illegible]	[illegible]
1.59E-08	1.59E-08	1.78E-08	1.99E-08	3.17E-03	1.31E-03	2.50E-03	[illegible]	3.62E-03	7.76E-03	[illegible]
2.00E-08	2.00E-08	2.23E-08	2.51E-08	3.88E-03	2.12E-03	3.17E-03	3.90E-03	4.42E-03	6.91E-03	123
2.51E-08	2.52E-08	2.86E-08	3.16E-08	4.38E-03	2.77E-03	3.75E-03	4.23E-03	4.90E-03	7.00E-03	145
3.16E-08	3.17E-08	[illegible]	3.95E-08	5.16E-03	2.73E-03	4.52E-03	4.99E-03	5.77E-03	1.01E-02	152
[illegible]	[illegible]	[illegible]	[illegible]	5.96E-03	3.95E-03	5.17E-03	5.86E-03	6.57E-03	[illegible]	165
5.01E-08	5.02E-08	5.65E-08	6.39E-08	7.26E-03	4.40E-03	5.98E-03	7.11E-03	8.21E-03	1.57E-02	159
6.31E-08	6.31E-08	7.03E-08	7.94E-08	8.42E-03	5.21E-03	7.15E-03	8.00E-03	9.22E-03	1.34E-02	165
[illegible]	[illegible]	[illegible]	1.00E-07	9.72E-03	6.30E-03	8.46E-03	9.60E-03	1.07E-02	1.73E-02	167
1.00E-07	1.01E-07	[illegible]	[illegible]	1.20E-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.26E-07	1.26E-07	1.43E-07	1.59E-07	1.45E-02	1.02E-02	[illegible]	1.40E-02	1.61E-02	2.59E-02	[illegible]
[illegible]	[illegible]	1.74E-07	[illegible]	1.74E-02	1.23E-02	1.53E-02	1.68E-02	1.89E-02	2.49E-02	123
[illegible]	[illegible]	[illegible]	2.50E-07	2.04E-02	1.53E-02	1.91E-02	1.94E-02	2.18E-02	3.25E-02	121
2.51E-07	[illegible]	2.82E-07	3.15E-07	2.57E-02	1.85E-02	2.29E-02	2.51E-02	2.70E-02	5.95E-02	112
3.16E-07	3.19E-07	3.59E-07	3.40E-07	3.13E-02	2.47E-02	2.77E-02	3.00E-02	3.33E-02	4.27E-02	65
3.98E-07	3.99E-07	4.48E-07	5.01E-07	3.80E-02	2.92E-02	3.42E-02	3.66E-02	4.01E-02	6.69E-02	56
5.01E-07	5.04E-07	[illegible]	6.28E-07	4.30E-02	2.99E-02	3.73E-02	4.31E-02	4.70E-02	5.43E-02	33
6.31E-07	6.32E-07	7.06E-07	7.70E-07	5.47E-02	3.94E-02	4.88E-02	5.47E-02	5.91E-02	7.43E-02	35
7.94E-07	[illegible]	[illegible]	9.86E-07	6.64E-02	4.69E-02	6.10E-02	6.64E-02	7.24E-02	9.15E-02	24
1.00E-06	1.01E-06	[illegible]	1.23E-06	7.21E-02	5.47E-02	6.54E-02	7.35E-02	7.90E-02	8.90E-02	14
1.26E-06	[illegible]	[illegible]	1.59E-06	1.06E-01	8.17E-02	9.80E-02	9.97E-02	1.11E-01	1.55E-01	11
1.58E-06	1.63E-06	[illegible]	1.94E-06	1.15E-01	6.14E-02	1.17E-01	1.22E-01	1.30E-01	1.34E-01	6
2.00E-06	2.06E-06	[illegible]	2.34E-06	1.25E-01	[illegible]	1.07E-01	1.43E-01	1.52E-01	1.54E-01	5
2.51E-06	2.71E-06		3.15E-06	1.62E-01	7.96E-02	1.02E-01	1.90E-01	2.04E-01	2.15E-01	6
3.16E-06	3.14E-06	[illegible]	3.82E-06	2.41E-01	2.16E-01	2.22E-01	2.29E-01	2.64E-01	2.76E-01	5
3.98E-06	4.30E-06	4.69E-06	4.72E-06	2.37E-01	8.44E-02				3.32E-01	3
5.01E-06	5.14E-06	5.70E-06	6.13E-06	2.16E-01	1.25E-01				3.33E-01	3
6.31E-06	7.13E-06	7.36E-06	7.74E-06	2.42E-01	1.68E-01				3.13E-01	3
7.94E-06										
1.00E-05	[illegible]	1.03E-05	1.15E-05	2.44E-01	1.05E-01				3.84E-01	2

TOTAL N: 2656

TABLE INDONESIA REFLECTIVITY FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.07E-01	1.13E-01	1.23E-01	4.90E-11	2.36E-11	3.28E-11	4.95E-11	5.78E-11	1.23E-10	23
1.26E-01	1.26E-01	1.39E-01	1.57E-01	6.36E-11	2.49E-11	4.33E-11	6.28E-11	7.65E-11	1.22E-10	25
1.58E-01	1.60E-01	1.81E-01	1.99E-01	8.25E-11	3.66E-11	5.01E-11	6.69E-11	1.02E-10	2.26E-10	24
2.00E-01	2.00E-01	2.27E-01	2.50E-01	1.39E-10	5.30E-11	8.13E-11	1.24E-10	1.72E-10	3.59E-10	36
2.51E-01	2.52E-01	2.87E-01	3.16E-01	1.90E-10	7.07E-11	1.38E-10	1.68E-10	[illegible]	5.78E-10	40
3.16E-01	3.14E-01	3.59E-01	3.97E-01	2.45E-10	7.48E-11	1.56E-10	2.20E-10	2.84E-10	6.40E-10	65
3.98E-01	4.00E-01	4.49E-01	5.00E-01	3.41E-10	1.32E-10	2.38E-10	3.07E-10	4.72E-10	9.38E-10	63
5.01E-01	5.06E-01	5.65E-01	6.30E-01	5.12E-10	1.23E-10	3.14E-10	4.40E-10	6.37E-10	1.78E-09	64
6.31E-01	6.34E-01	7.16E-01	7.94E-01	6.63E-10	2.56E-10	3.97E-10	5.72E-10	7.80E-10	2.04E-09	88
7.94E-01	7.99E-01	8.94E-01	1.00E 00	9.19E-10	2.61E-10	5.59E-10	8.29E-10	1.03E-09	2.76E-09	62
1.00E 00	1.01E 00	1.12E 00	1.25E 00	1.31E-09	4.42E-10	7.70E-10	1.05E-09	1.49E-09	7.31E-09	75
1.26E 00	1.26E 00	1.39E 00	1.58E 00	1.89E-09	6.49E-10	1.04E-09	1.53E-09	2.14E-09	1.13E-08	76
1.58E 00	1.59E 00	1.80E 00	1.99E 00	2.36E-09	7.41E-10	1.40E-09	2.08E-09	2.83E-09	9.97E-09	79
2.00E 00	2.00E 00	2.27E 00	2.51E 00	3.35E-09	1.31E-09	2.14E-09	2.88E-09	3.60E-09	1.52E-08	82
2.51E 00	2.54E 00	2.84E 00	3.15E 00	4.37E-09	1.46E-09	2.73E-09	3.95E-09	5.00E-09	9.57E-09	69
3.16E 00	3.17E 00	[illegible]	[illegible]	5.74E-09	[illegible]	3.86E-09	5.57E-09	6.60E-09	1.55E-08	[illegible]
3.98E 00	4.00E 00	4.40E 00	5.01E 00	8.60E-09	3.51E-09	5.53E-09	7.35E-09	9.26E-09	2.37E-08	80
5.01E 00	5.02E 00	5.62E 00	6.30E 00	1.10E-08	4.41E-09	7.05E-09	9.18E-09	1.18E-08	7.20E-08	92
6.31E 00	6.41E 00	7.04E 00	7.94E 00	1.46E-08	4.91E-09	1.04E-08	1.27E-08	1.69E-08	8.59E-08	69
7.94E 00	8.07E 00	9.04E 00	9.94E 00	1.90E-08	4.36E-09	1.32E-08	1.70E-08	[illegible]	4.77E-08	74
1.00E 01	1.00E 01	1.13E 01	1.25E 01	3.46E-08	9.20E-09	1.73E-08	2.30E-08	4.11E-08	3.53E-07	63
1.26E 01	1.26E 01	1.41E 01	1.58E 01	4.41E-08	1.65E-08	2.43E-08	3.05E-08	4.13E-08	[illegible]	61
1.58E 01	1.59E 01	1.77E 01	1.99E 01	6.10E-08	2.12E-08	3.23E-08	4.59E-08	[illegible]	[illegible]	62
2.00E 01	2.00E 01	2.23E 01	2.53E 01	7.04E-08	3.00E-08	4.39E-08	5.54E-08	7.49E-08	2.94E-07	63
2.51E 01	2.54E 01	2.84E 01	3.16E 01	1.12E-07	3.51E-08	6.60E-08	8.05E-08	[illegible]	5.03E-07	73
3.16E 01	3.17E 01	3.55E 01	3.96E 01	1.29E-07	6.25E-08	8.29E-08	1.05E-07	[illegible]	[illegible]	77
3.98E 01	3.99E 01	4.37E 01	4.96E 01	1.83E-07	7.28E-08	1.23E-07	1.51E-07	[illegible]	7.72E-07	[illegible]
5.01E 01	5.08E 01	5.61E 01	6.20E 01	2.12E-07	1.21E-07	1.67E-07	1.95E-07	[illegible]	[illegible]	36
6.31E 01	6.32E 01	7.02E 01	7.79E 01	3.33E-07	1.76E-07	2.25E-07	2.50E-07	3.23E-07	4.45E-07	24
7.94E 01	8.03E 01	8.60E 01	9.89E 01	3.83E-07	1.94E-07	2.94E-07	3.39E-07	4.21E-07	9.13E-07	15
1.00E 02	1.03E 02	1.14E 02	1.24E 02	4.53E-07	4.07E-07	4.45E-07	4.95E-07	1.12E-06	2.22E-06	7
1.26E 02	1.30E 02	1.42E 02	1.58E 02	7.26E-07	3.29E-07	3.66E-07	5.30E-07	9.17E-07	1.75E-06	10
1.58E 02	1.90E 02	1.90E 02	1.90E 02	4.95E-07	4.95E-07				4.95E-07	1
2.00E 02	2.13E 02	2.13E 02	2.13E 02	6.84E-07	6.84E-07				6.84E-07	1
2.51E 02	2.55E 02	2.95E 02	2.95E 02	7.99E-07	7.99E-07				7.99E-07	1

TOTAL N: 1866

TABLE . INDONESIA REFLECTIVITY FOR 4.3 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.02E-01	1.13E-01	1.23E-01	1.86E-09	9.11E-10	1.27E-09	1.89E-09	2.14E-09	4.57E-09	23
1.26E-01	1.26E-01	1.39E-01	1.57E-01	2.42E-09	9.63E-10	1.66E-09	2.40E-09	2.91E-09	4.57E-09	25
1.58E-01	1.60E-01	1.81E-01	1.99E-01	3.13E-09	1.42E-09	1.92E-09	2.57E-09	3.88E-09	8.26E-09	24
2.00E-01	2.00E-01	2.27E-01	2.50E-01	5.20E-09	2.05E-09	3.12E-09	4.70E-09	6.34E-09	1.32E-08	34
2.51E-01	2.52E-01	2.87E-01	3.15E-01	7.13E-09	2.73E-09	5.23E-09	6.38E-09	8.33E-09	1.73E-08	40
3.16E-01	3.14E-01	3.59E-01	3.97E-01	9.17E-09	2.93E-09	5.97E-09	8.31E-09	1.07E-08	2.29E-08	65
3.98E-01	4.00E-01	4.49E-01	5.00E-01	1.41E-08	5.06E-09	9.02E-09	1.16E-08	1.75E-08	3.43E-08	63
5.01E-01	5.06E-01	5.66E-01	6.30E-01	1.88E-08	4.73E-09	1.19E-08	1.65E-08	2.35E-08	5.95E-08	64
6.31E-01	6.34E-01	7.16E-01	7.94E-01	2.44E-08	9.72E-09	1.51E-08	2.15E-08	2.97E-08	7.04E-08	89
7.94E-01	7.99E-01	8.94E-01	1.00E 00	3.35E-08	1.00E-08	2.23E-08	3.07E-08	3.74E-08	3.21E-08	82
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.75E-08	1.68E-08	2.71E-08	3.93E-08	5.11E-08	2.56E-07	75
1.26E 00	1.26E 00	1.39E 00	1.58E 00	6.30E-08	2.47E-08	3.99E-08	5.66E-08	7.72E-08	4.55E-07	76
1.58E 00	1.59E 00	1.80E 00	1.99E 00	8.52E-08	2.82E-08	5.25E-08	7.71E-08	1.02E-07	3.34E-07	79
2.00E 00	2.00E 00	2.27E 00	2.51E 00	1.22E-07	4.95E-08	7.89E-08	1.06E-07	1.31E-07	5.52E-07	82
2.51E 00	2.56E 00	2.84E 00	3.16E 00	1.42E-07	5.53E-08	1.01E-07	1.44E-07	1.77E-07	2.92E-07	69
3.16E 00	3.17E 00	3.53E 00	3.96E 00	2.04E-07	7.64E-08	1.41E-07	1.98E-07	2.36E-07	5.49E-07	90
3.98E 00	4.00E 00	4.40E 00	5.01E 00	3.16E-07	1.31E-07	2.01E-07	2.57E-07	3.25E-07	1.25E-06	80
5.01E 00	5.02E 00	5.62E 00	6.30E 00	4.54E-07	1.65E-07	2.57E-07	3.17E-07	4.16E-07	5.30E-06	92
6.31E 00	6.41E 00	7.04E 00	7.94E 00	6.45E-07	1.84E-07	3.92E-07	4.52E-07	5.99E-07	5.12E-06	69
7.94E 00	8.07E 00	9.04E 00	9.94E 00	6.87E-07	3.10E-07	4.83E-07	6.12E-07	7.93E-07	2.04E-06	74
1.00E 01	1.00E 01	1.13E 01	1.25E 01	1.92E-06	3.42E-07	6.26E-07	8.15E-07	1.07E-06	3.88E-05	63
1.26E 01	1.26E 01	1.41E 01	1.58E 01	2.16E-06	6.05E-07	9.65E-07	1.08E-06	1.62E-06	1.65E-05	61
1.58E 01	1.59E 01	1.77E 01	1.99E 01	3.22E-06	7.70E-07	1.15E-06	1.58E-06	2.32E-06	2.41E-05	62
2.00E 01	2.00E 01	2.23E 01	2.50E 01	3.26E-06	1.09E-06	1.55E-06	1.96E-06	2.77E-06	2.34E-05	63
2.51E 01	2.54E 01	2.84E 01	3.16E 01	5.89E-06	1.28E-06	2.28E-06	2.80E-06	4.41E-06	4.82E-05	73
3.16E 01	3.17E 01	3.56E 01	3.95E 01	6.15E-06	2.20E-06	2.89E-06	3.63E-06	5.21E-06	5.03E-05	67
3.98E 01	3.99E 01	4.37E 01	4.96E 01	9.01E-06	2.61E-06	4.27E-06	5.23E-06	5.26E-06	5.36E-05	65
5.01E 01	5.08E 01	5.61E 01	6.20E 01	8.66E-06	4.31E-06	5.79E-06	7.24E-06	9.02E-06	3.79E-05	36
6.31E 01	6.32E 01	7.02E 01	7.79E 01	1.86E-05	5.45E-06	7.84E-06	9.06E-06	1.85E-05	9.45E-05	24
7.94E 01	8.00E 01	8.80E 01	9.49E 01	1.84E-05	6.80E-06	1.05E-05	1.27E-05	1.87E-05	7.49E-05	15
1.00E 02	1.03E 02	1.14E 02	1.24E 02	6.20E-05	1.45E-05	1.80E-05	1.90E-05	8.51E-05	2.30E-04	7
1.26E 02	1.30E 02	1.42E 02	1.58E 02	4.61E-05	1.19E-05	1.36E-05	2.06E-05	5.26E-05	1.70E-04	10
1.58E 02	1.90E 02	1.90E 02	1.90E 02	1.69E-05	1.69E-05				1.69E-05	1
2.00E 02	2.13E 02	2.13E 02	2.13E 02	2.41E-05	2.41E-05				2.41E-05	1
2.51E 02	2.95E 02	2.95E 02	2.45E 02	3.09E-05	3.09E-05				3.09E-05	1

TOTAL N: 1866

TABLE [illegible]. INDONESIA REFLECTIVITY FOR [illegible].2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.02E-01	1.13E-01	1.23E-01	4.50E-09	2.21E-09	3.06E-09	4.58E-09	5.31E-09	1.99E-08	23
1.26E-01	1.26E-01	1.39E-01	1.57E-01	5.84E-09	2.34E-09	4.02E-09	5.80E-09	7.04E-09	1.10E-08	25
1.58E-01	1.60E-01	1.81E-01	1.99E-01	7.56E-09	3.43E-09	4.66E-09	6.21E-09	9.37E-09	1.97E-08	24
2.00E-01	2.00E-01	2.27E-01	[illegible]	1.25E-08	4.95E-09	7.54E-09	1.13E-08	1.52E-08	3.15E-08	34
2.51E-01	2.52E-01	2.87E-01	3.16E-01	1.72E-08	6.61E-09	1.26E-08	1.54E-08	[illegible]	[illegible]	40
3.16E-01	3.18E-01	3.59E-01	[illegible]	[illegible]	[illegible]	1.44E-08	2.00E-08	[illegible]	[illegible]	45
3.98E-01	4.00E-01	4.49E-01	5.00E-01	[illegible]	[illegible]	2.15E-08	2.79E-08	4.21E-08	7.36E-08	63
5.01E-01	5.06E-01	5.66E-01	6.43E-01	4.55E-08	1.15E-08	2.97E-08	3.96E-08	5.63E-08	1.56E-07	66
6.31E-01	6.34E-01	7.16E-01	7.94E-01	[illegible]	2.35E-08	3.63E-08	5.16E-08	6.87E-08	1.71E-07	59
7.94E-01	7.99E-01	8.96E-01	1.00E 00	8.13E-08	2.42E-08	5.36E-08	7.37E-08	9.06E-08	2.59E-07	82
1.00E 00	1.01E 00	1.12E 00	1.25E 00	[illegible]	4.07E-08	6.49E-08	4.42E-08	1.22E-07	1.05E-06	75
1.26E 00	1.26E 00	1.33E 00	1.52E 00	1.91E-07	4.47E-08	9.59E-08	1.35E-07	1.85E-07	2.02E-06	76
1.58E 00	1.59E 00	1.80E 00	1.99E 00	2.12E-07	6.82E-08	1.30E-07	1.85E-07	2.44E-07	1.22E-06	79
2.00E 00	2.00E 00	2.27E 00	2.51E 00	[illegible]	1.19E-07	1.89E-07	2.53E-07	3.12E-07	2.63E-06	82
2.51E 00	2.56E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.45E-07	4.33E-07	4.12E-07	[illegible]
3.16E 00	3.17E 00	3.53E 00	3.99E 00	[illegible]	[illegible]	[illegible]	4.76E-07	[illegible]	[illegible]	[illegible]
3.98E 00	4.00E 00	[illegible]	[illegible]	[illegible]	3.15E-07	4.82E-07	6.39E-07	7.97E-07	4.59E-06	80
5.01E 00	5.02E 00	5.62E 00	[illegible]	1.20E-06	3.95E-07	6.14E-07	7.61E-07	1.03E-06	1.44E-05	[illegible]
6.31E 00	6.31E 00	7.04E 00	7.94E 00	[illegible]	4.47E-07	[illegible]	1.19E-06	1.47E-06	1.59E-05	69
7.94E 00	8.07E 00	9.04E 00	9.94E 00	[illegible]	7.44E-07	1.15E-06	1.49E-06	[illegible]	7.53E-06	74
1.00E 01	1.00E 01	1.13E 01	1.25E 01	[illegible]	8.26E-07	[illegible]	1.99E-06	2.88E-06	7.45E-05	[illegible]
1.26E 01	1.26E 01	1.41E 01	1.59E 01	[illegible]	1.45E-06	[illegible]	2.71E-06	4.31E-06	[illegible]	61
1.58E 01	1.59E 01	1.77E 01	[illegible]	8.19E-06	1.85E-06	[illegible]	4.15E-06	7.35E-06	5.94E-05	62
2.00E 01	2.00E 01	2.23E 01	2.50E 01	[illegible]	2.51E-06	[illegible]	[illegible]	8.41E-06	6.04E-05	[illegible]
2.51E 01	2.54E 01	2.84E 01	3.15E 01	1.55E-05	3.06E-06	5.78E-06	7.89E-06	1.32E-05	1.34E-04	[illegible]
3.16E 01	3.17E 01	3.56E 01	3.98E 01	1.68E-05	5.38E-06	7.34E-06	9.71E-06	1.62E-05	1.22E-04	67
3.98E 01	3.99E 01	4.37E 01	4.95E 01	2.44E-05	[illegible]	1.16E-05	1.70E-05	2.52E-05	1.12E-04	65
5.01E 01	5.06E 01	5.61E 01	6.20E 01	2.62E-05	1.22E-05	1.52E-05	2.17E-05	2.68E-05	[illegible]	36
6.31E 01	6.32E 01	7.02E 01	7.79E 01	4.89E-05	1.49E-05	2.25E-05	2.79E-05	5.03E-05	1.90E-04	[illegible]
7.94E 01	8.00E 01	[illegible]	9.89E 01	5.22E-05	1.75E-05	3.16E-05	4.06E-05	6.12E-05	1.72E-04	15
1.00E 02	1.03E 02	1.14E 02	1.24E 02	1.49E-04	4.59E-05	5.38E-05	5.98E-05	2.20E-04	4.51E-04	7
1.26E 02	1.30E 02	1.42E 02	1.54E 02	1.16E-04	3.30E-05	3.62E-05	6.60E-05	1.54E-04	3.53E-04	13
1.58E 02	1.90E 02	1.90E 02	1.90E 02	4.74E-05	4.74E-05				4.74E-05	1
2.00E 02	2.13E 02	2.13E 02	2.13E 02	7.40E-05	7.40E-05				7.40E-05	1
2.51E 02	2.95E 02	2.95E 02	2.95E 02	8.64E-05	8.64E-05				8.64E-05	1

TOTAL N: 1844

TABLE [illegible]. INDONESIA REFLECTIVITY FOR 1.87 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.02E-01	1.13E-01	1.23E-01	3.80E-08	1.85E-08	2.56E-08	[illegible]	4.45E-08	4.92E-08	23
1.26E-01	[illegible]	1.39E-01	1.57E-01	4.43E-08	1.96E-08	3.36E-08	4.45E-08	[illegible]	4.55E-08	25
1.58E-01	1.60E-01	[illegible]	1.99E-01	5.49E-08	[illegible]	3.70E-08	5.19E-08	[illegible]	1.46E-07	24
2.00E-01	2.00E-01	2.27E-01	2.50E-01	1.11E-07	4.15E-08	6.31E-08	9.51E-08	1.42E-07	3.59E-07	34
2.51E-01	2.52E-01	2.87E-01	3.16E-01	1.52E-07	5.53E-08	1.06E-07	1.30E-07	1.74E-07	4.43E-07	40
3.16E-01	3.18E-01	3.59E-01	3.97E-01	1.95E-07	5.94E-08	1.20E-07	1.73E-07	2.22E-07	6.37E-07	65
3.98E-01	4.00E-01	4.49E-01	5.00E-01	3.23E-07	1.03E-07	1.64E-07	2.38E-07	3.76E-07	1.04E-06	63
5.01E-01	5.06E-01	5.66E-01	6.30E-01	4.48E-07	9.60E-08	2.42E-07	3.44E-07	5.13E-07	2.56E-06	64
6.31E-01	6.34E-01	7.16E-01	7.94E-01	5.83E-07	2.03E-07	3.05E-07	4.42E-07	6.50E-07	2.50E-06	84
7.94E-01	7.55E-01	8.94E-01	1.00E 00	8.42E-07	2.03E-07	4.57E-07	6.60E-07	9.70E-07	4.07E-06	82
1.00E 00	1.01E 00	1.12E 00	1.25E 00	1.26E-06	3.42E-07	5.96E-07	8.15E-07	1.22E-06	1.11E-05	75
1.26E 00	1.26E 00	1.39E 00	1.58E 00	1.90E-06	5.00E-07	8.23E-07	1.27E-06	1.97E-06	1.65E-05	76
1.58E 00	1.55E 00	1.80E 00	1.99E 00	2.34E-06	5.74E-07	1.09E-06	1.66E-06	2.74E-06	1.56E-05	79
2.00E 00	2.00E 00	2.23E 00	2.51E 00	3.42E-06	1.01E-06	1.78E-06	2.40E-06	3.43E-06	2.14E-05	42
2.51E 00	2.56E 00	2.84E 00	3.16E 00	3.69E-06	1.13E-06	2.36E-06	3.43E-06	4.96E-06	1.11E-05	63
3.16E 00	3.17E 00	3.53E 00	3.96E 00	5.94E-06	1.66E-06	3.12E-06	5.21E-06	6.91E-06	2.53E-05	90
3.98E 00	4.00E 00	4.40E 00	5.01E 00	9.55E-06	2.73E-06	4.91E-06	5.91E-06	9.43E-06	4.44E-05	90
5.01E 00	5.02E 00	5.62E 00	6.30E 00	1.23E-05	3.51E-06	5.99E-06	8.27E-06	1.38E-05	8.84E-05	92
6.31E 00	6.31E 00	7.04E 00	7.94E 00	1.95E-05	3.94E-06	9.91E-06	1.40E-05	2.04E-05	1.15E-04	64
7.94E 00	8.07E 00	9.04E 00	9.94E 00	2.18E-05	6.62E-06	1.31E-05	1.80E-05	2.77E-05	6.56E-05	74
1.00E 01	1.00E 01	1.13E 01	1.25E 01	3.59E-05	7.77E-06	1.62E-05	2.51E-05	3.83E-05	1.70E-04	63
1.26E 01	1.26E 01	1.41E 01	1.58E 01	5.15E-05	1.38E-05	2.47E-05	3.50E-05	5.29E-05	2.14E-04	61
1.58E 01	1.59E 01	1.77E 01	1.94E 01	6.89E-05	1.79E-05	3.61E-05	5.34E-05	8.17E-05	2.54E-04	62
2.00E 01	2.00E 01	2.23E 01	2.50E 01	8.61E-05	2.67E-05	4.83E-05	6.55E-05	1.08E-04	3.34E-04	63
2.51E 01	[illegible]	2.84E 01	3.16E 01	1.31E-04	3.19E-05	7.95E-05	1.01E-04	1.50E-04	5.17E-04	[illegible]
3.16E 01	[illegible]	3.56E 01	3.99E 01	1.57E-04	6.59E-05	9.49E-05	1.32E-04	1.80E-04	5.60E-04	67
3.98E 01	[illegible]	4.37E 01	4.96E 01	2.26E-04	7.07E-05	1.56E-04	1.96E-04	2.67E-04	5.51E-04	65
5.01E 01	[illegible]	5.61E 01	6.20E 01	2.79E-04	1.45E-04	2.13E-04	2.57E-04	3.16E-04	6.55E-04	36
6.31E 01	6.32E 01	7.02E 01	7.79E 01	3.89E-04	1.89E-04	2.89E-04	3.33E-04	4.01E-04	1.35E-03	29
7.94E 01	8.00E 01	8.80E 01	9.89E 01	4.88E-04	2.25E-04	3.93E-04	4.53E-04	5.53E-04	9.12E-04	15
1.00E 02	1.03E 02	1.14E 02	1.24E 02	8.57E-04	5.50E-04	6.03E-04	6.82E-04	1.21E-03	1.31E-03	7
1.26E 02	1.30E 02	1.42E 02	1.54E 02	8.13E-04	3.83E-04	4.28E-04	7.34E-04	1.18E-03	1.44E-03	13
1.58E 02	1.90E 02	1.90E 02	1.90E 02	5.96E-04	5.96E-04				5.96E-04	1
2.00E 02	2.13E 02	2.13E 02	2.13E 02	9.13E-04	9.13E-04				9.13E-04	1
2.51E 02	2.95E 02	2.95E 02	2.95E 02	9.94E-04	9.94E-04				9.94E-04	1

TOTAL N: 1844

TABLE [illegible] INDONESIA REFLECTIVITY FOR 0.86 CM, 15 DEGREES C TABULATED AS A FUNCTION OF RAINFALL RATE

RAINFALL R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (1/M)	MIN ETA (1/M)	25%TILE ETA (1/M)	50%TILE ETA (1/M)	75%TILE ETA (1/M)	MAX ETA (1/M)	N
1.00E-01	1.02E-01	1.13E-01	1.23E-01	1.05E-06	4.11E-07	6.22E-07	9.45E-07	1.24E-06	3.42E-06	23
1.26E-01	1.28E-01	1.39E-01	1.57E-01	1.40E-06	4.56E-07	8.55E-07	1.31E-06	1.73E-06	4.13E-06	25
1.58E-01	1.60E-01	[illegible]	[illegible]	[illegible]	4.79E-07	9.50E-07	1.55E-06	2.21E-06	5.43E-06	24
2.00E-01	2.03E-01	2.27E-01	2.50E-01	[illegible]	9.48E-07	1.61E-06	2.72E-06	4.67E-06	8.69E-06	36
2.51E-01	2.52E-01	2.87E-01	3.16E-01	4.53E-06	1.47E-06	2.92E-06	4.00E-06	5.60E-06	1.16E-05	40
3.16E-01	3.18E-01	[illegible]	3.97E-01	5.36E-06	1.40E-06	[illegible]	[illegible]	[illegible]	1.54E-05	65
[illegible]	[illegible]	[illegible]	5.00E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	8.94E-01	1.00E 00	[illegible]	[illegible]	1.40E-05	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.01E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75
[illegible]	[illegible]	1.39E 00	1.58E 00	[illegible]	1.18E-05	2.59E-05	[illegible]	[illegible]	[illegible]	76
[illegible]	1.58E 00	[illegible]	1.99E 00	[illegible]	[illegible]	[illegible]	5.01E-05	[illegible]	[illegible]	[illegible]
2.00E 00	2.00E 00	[illegible]	[illegible]	6.32E-05	3.10E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.16E 00	[illegible]	[illegible]	7.00E-05	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.22E-04	[illegible]	1.89E-04	90
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6.31E 00	6.31E 00	7.05E 00	7.94E 00	2.50E-04	[illegible]	2.09E-04	[illegible]	2.89E-04	[illegible]	89
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1

TOTAL N: [illegible]

TABLE [illegible] INDONESIA REFLECTIVITY FOR [illegible] CM, 15 DEGREES C TABULATED AS A FUNCTION OF RAINFALL RATE

RAINFALL R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (1/M)	MIN ETA (1/M)	25%TILE ETA (1/M)	50%TILE ETA (1/M)	75%TILE ETA (1/M)	MAX ETA (1/M)	N
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.49E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.00E-01	[illegible]	2.50E-01	2.30E-05	8.85E-06	1.98E-05	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.87E-01	3.16E-01	[illegible]	1.60E-05	2.65E-05	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.59E 00	1.80E 00	1.99E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.16E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.78E-04	[illegible]	92
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1

TOTAL N: [illegible]

TABLE . INDONESIA ATTENUATION FOR [illegible] GHz, 10 DEGREES [illegible]
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD (MM/HR)	MIN (MM/HR)	MEAN (MM/HR)	MAX (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.02E-01	1.14E-01	1.27E-01	5.75E-05	4.70E-05	5.22E-05	5.68E-05	6.00E-05	7.85E-05	23
1.26E-01	1.26E-01	1.41E-01	1.57E-01	7.18E-05	5.54E-05	6.31E-05	6.71E-05	7.67E-05	1.01E-04	25
1.58E-01	1.60E-01	1.81E-01	1.99E-01	9.42E-05	7.18E-05	8.68E-05	9.99E-05	1.05E-04	1.23E-04	26
2.00E-01	2.00E-01	2.27E-01	[illegible]	1.09E-04	[illegible]	1.00E-04	1.01E-04	1.21E-04	1.54E-04	36
2.51E-01	2.52E-01	2.87E-01	[illegible]	1.33E-04	1.06E-04	1.21E-04	1.30E-04	1.39E-04	1.96E-04	43
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL N = [illegible]

TABLE . INDONESIA ATTENUATION FOR [illegible] GHz, [illegible] DEGREES [illegible]
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD (MM/HR)	MIN (MM/HR)	MEAN (MM/HR)	MAX (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL N = [illegible]

TABLE INDONESIA ATTENUATION FOR [illegible] CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.02E-01	1.13E-01	1.23E-01	6.13E-04	7.15E-04	7.60E-04	8.18E-04	8.37E-04	1.26E-03	23
1.26E-01	1.26E-01	[illegible]	1.57E-01	1.02E-03	8.85E-04	9.19E-04	1.03E-03	1.09E-03	1.19E-03	25
1.58E-01	1.60E-01	[illegible]	1.99E-01	1.36E-03	1.13E-03	1.26E-03	1.33E-03	1.37E-03	1.45E-03	26
2.00E-01	[illegible]	[illegible]	2.50E-01	1.73E-03	1.61E-03	1.58E-03	1.66E-03	1.82E-03	2.48E-03	36
[illegible]	[illegible]	[illegible]	3.15E-01	2.13E-03	1.74E-03	1.94E-03	2.16E-03	2.30E-03	3.26E-03	40
[illegible]	[illegible]	[illegible]	[illegible]	2.74E-03	[illegible]	[illegible]	[illegible]	[illegible]	4.15E-03	[illegible]
[illegible]	4.00E-01	[illegible]	5.00E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.30E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6.31E-01	[illegible]	7.16E-01	7.94E-01	5.04E-03	4.56E-03	5.19E-03	5.70E-03	6.19E-03	1.23E-02	[illegible]
7.94E-01	7.99E-01	8.94E-01	1.00E 00	[illegible]	[illegible]	6.73E-03	[illegible]	8.12E-03	1.85E-02	[illegible]
1.00E 00	1.01E 00	1.12E 00	1.25E 00	[illegible]	[illegible]	8.33E-03	9.24E-03	1.06E-02	6.05E-02	75
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.09E-02	1.25E-02	1.47E-02	[illegible]	76
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.90E-02	5.77E-02	[illegible]
[illegible]	[illegible]	[illegible]	2.51E 00	2.19E-02	1.53E-02	1.80E-02	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.97E-02	2.35E-02	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.70E-02	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.06E-01	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL N: [illegible]

TABLE INDONESIA ATTENUATION FOR [illegible] CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
[illegible]	1.02E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.57E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.61E-01	1.99E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2.00E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.15E-02	1.31E-02	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.16E-01	7.94E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.94E-01	[illegible]	[illegible]	1.03E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.00E 00	1.01E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75
1.26E 00	[illegible]	1.39E 00	1.58E 00	6.20E-02	3.88E-02	[illegible]	6.10E-02	[illegible]	[illegible]	[illegible]
1.58E 00	[illegible]	1.80E 00	1.99E 00	[illegible]	[illegible]	6.42E-02	[illegible]	[illegible]	1.25E-01	[illegible]
2.00E 00	2.00E 00	[illegible]	2.51E 00	1.07E-01	[illegible]	[illegible]	1.03E-01	[illegible]	[illegible]	[illegible]
2.51E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.52E-01	1.47E-01	[illegible]
3.16E 00	3.17E 00	[illegible]	3.96E 00	1.77E-01	1.06E-01	[illegible]	1.80E-01	2.05E-01	[illegible]	[illegible]
3.98E 00	4.00E 00	[illegible]	5.01E 00	[illegible]	1.50E-01	1.96E-01	[illegible]	[illegible]	[illegible]	80
5.01E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.04E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.50E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.20E 01	[illegible]	[illegible]	[illegible]	[illegible]	3.90E 00	[illegible]	[illegible]
[illegible]	[illegible]	7.02E 01	7.79E 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15
[illegible]	1.03E 02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1

TOTAL N: [illegible]

TABLE . INDONESIA ATTENUATION FOR 2.84 CM, 10 DEGREES (
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.02E-01	1.13E-01	1.24E-01	2.19E-02	1.79E-02	1.97E-02	2.17E-02	2.38E-02	4.07E-02	23
1.26E-01	1.26E-01	1.39E-01	1.57E-01	2.76E-02	2.18E-02	2.44E-02	2.76E-02	3.06E-02	3.57E-02	25
1.58E-01	1.60E-01	1.81E-01	1.99E-01	3.53E-02	2.70E-02	3.07E-02	3.42E-02	4.03E-02	4.91E-02	24
2.00E-01	2.00E-01	2.27E-01	2.52E-01	4.41E-02	3.42E-02	4.02E-02	4.94E-02	5.60E-02	6.12E-02	34
2.51E-01	2.52E-01	2.87E-01	3.16E-01	6.29E-02	4.54E-02	5.61E-02	[illegible]	[illegible]	[illegible]	40
3.16E-01	3.19E-01	3.58E-01	3.97E-01	7.47E-02	5.55E-02	7.03E-02	[illegible]	[illegible]	1.14E-01	[illegible]
[illegible]	4.00E-01	[illegible]	[illegible]	1.04E-01	[illegible]	9.18E-02	1.07E-01	1.16E-01	1.37E-01	63
5.01E-01	[illegible]	5.66E-01	6.30E-01	1.33E-01	9.54E-02	1.17E-01	1.31E-01	1.53E-01	1.73E-01	64
6.31E-01	6.34E-01	7.10E-01	7.94E-01	1.70E-01	1.19E-01	1.57E-01	1.70E-01	1.89E-01	[illegible]	88
7.94E-01	7.99E-01	8.94E-01	1.00E 00	2.16E-01	1.45E-01	2.06E-01	2.11E-01	2.34E-01	2.81E-01	82
1.00E 00	1.01E 00	1.12E 00	1.25E 00	2.75E-01	2.02E-01	2.49E-01	2.72E-01	2.96E-01	3.79E-01	75
1.26E 00	1.26E 00	1.41E 00	[illegible]	[illegible]	[illegible]	[illegible]	3.53E-01	3.84E-01	4.51E-01	76
1.58E 00	1.59E 00	1.80E 00	1.99E 00	4.46E-01	3.27E-01	4.19E-01	4.50E-01	4.72E-01	5.60E-01	79
2.00E 00	2.00E 00	2.23E 00	2.51E 00	5.88E-01	4.84E-01	5.54E-01	5.82E-01	6.27E-01	7.09E-01	82
2.51E 00	2.55E 00	2.84E 00	3.15E 00	7.04E-01	5.73E-01	[illegible]	7.46E-01	8.07E-01	9.06E-01	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.14E 00	[illegible]
[illegible]	4.00E 00	[illegible]	5.01E 00	1.17E 00	7.47E-01	1.10E 00	1.16E 00	1.25E 00	1.44E 00	80
5.01E 00	5.02E 00	5.62E 00	6.30E 00	1.48E 00	[illegible]	[illegible]	[illegible]	1.59E 00	1.75E 00	92
6.31E 00	6.31E 00	7.06E 00	7.94E 00	1.85E 00	1.17E 00	1.75E 00	[illegible]	[illegible]	[illegible]	69
7.94E 00	8.07E 00	[illegible]	[illegible]	2.40E 00	1.45E 00	[illegible]	2.41E 00	[illegible]	2.90E 00	74
1.00E 01	1.00E 01	[illegible]	[illegible]	[illegible]	1.00E 00	[illegible]	3.04E 00	[illegible]	[illegible]	63
[illegible]	[illegible]	[illegible]	[illegible]	3.57E 00	[illegible]	[illegible]	3.74E 00	[illegible]	[illegible]	61
[illegible]	1.59E 01	1.77E 01	[illegible]	[illegible]	[illegible]	[illegible]	4.60E 00	[illegible]	[illegible]	62
2.00E 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73
3.16E 01	3.17E 01	3.56E 01	3.98E 01	8.97E 00	5.74E 00	8.66E 00	9.40E 00	9.77E 00	1.09E 01	57
[illegible]	3.55E 01	4.37E 01	4.96E 01	1.08E 01	8.69E 00	9.90E 00	1.09E 01	1.19E 01	1.41E 01	65
5.01E 01	5.05E 01	[illegible]	[illegible]	1.40E 01	1.07E 01	1.31E 01	[illegible]	[illegible]	[illegible]	35
6.31E 01	6.32E 01	7.00E 01	[illegible]	1.70E 01	[illegible]	1.60E 01	[illegible]	[illegible]	[illegible]	29
7.94E 01	8.00E 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15
1.00E 02	1.03E 02	1.14E 02	1.26E 02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
1.26E 02	1.30E 02	[illegible]	1.58E 02	3.35E 01	2.50E 01	[illegible]	[illegible]	3.60E 01	4.41E 01	10
1.58E 02	1.90E 02	[illegible]	[illegible]	5.07E 01	[illegible]				5.07E 01	1
[illegible]	2.13E 02	2.13E 02	2.14E 02	5.37E 01	5.37E 01				5.37E 01	1
[illegible]	[illegible]	[illegible]	[illegible]	7.65E 01	7.65E 01				7.65E 01	1

TOTAL N: 1944

TABLE INDONESIA ATTENUATION FOR 0.8[illegible] CM, 10 DEGREES
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.02E-01	1.13E-01	1.24E-01	[illegible]	4.45E-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.26E-01	[illegible]	1.39E-01	1.57E-01	[illegible]	[illegible]	1.22E-01	[illegible]	[illegible]	[illegible]	[illegible]
1.58E-01	1.60E-01	[illegible]	1.99E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24
2.00E-01	2.00E-01	2.27E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.37E-01	34
2.51E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.76E-01	4.04E-01	40
3.16E-01	3.19E-01	3.59E-01	[illegible]	3.14E-01	1.99E-01	[illegible]	[illegible]	3.50E-01	3.40E-01	45
3.98E-01	4.00E-01	4.49E-01	5.03E-01	3.70E-01	[illegible]	[illegible]	3.47E-01	4.17E-01	5.07E-01	[illegible]
5.01E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64
6.31E-01	[illegible]	7.16E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.94E-01	7.99E-01	8.94E-01	1.00E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.00E 00	1.01E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75
1.26E 00	1.26E 00	1.39E 00	1.58E 00	[illegible]	[illegible]	[illegible]	1.01E 00	1.16E 00	1.51E 00	76
[illegible]	[illegible]	1.80E 00	1.99E 00	1.25E 00	[illegible]	[illegible]	[illegible]	1.49E 00	[illegible]	74
2.00E 00	[illegible]	2.27E 00	[illegible]	1.57E 00	[illegible]	[illegible]	[illegible]	1.72E 00	2.40E 00	[illegible]
2.51E 00	[illegible]	2.84E 00	3.15E 00	[illegible]	1.07E 00	1.49E 00	1.75E 00	2.13E 00	2.74E 00	69
3.16E 00	3.17E 00	3.53E 00	3.96E 00	2.11E 00	1.05E 00	1.78E 00	2.04E 00	2.48E 00	3.15E 00	90
3.98E 00	4.00E 00	4.40E 00	5.01E 00	2.44E 00	9.87E-01	2.11E 00	2.48E 00	2.94E 00	3.70E 00	[illegible]
5.01E 00	5.02E 00	[illegible]	6.30E 00	[illegible]	1.04E 00	2.59E 00	3.15E 00	3.60E 00	4.77E 00	[illegible]
6.31E 00	6.31E 00	7.04E 00	7.94E 00	3.61E 00	1.46E 00	2.93E 00	3.60E 00	4.17E 00	5.73E 00	69
7.94E 00	8.07E 00	9.04E 00	9.76E 00	[illegible]	2.19E 00	4.29E 00	4.90E 00	5.50E 00	6.54E 00	76
1.00E 01	1.00E 01	1.13E 01	1.25E 01	[illegible]	1.04E 00	4.79E 00	5.53E 00	6.47E 00	9.04E 00	63
1.26E 01	1.26E 01	1.41E 01	1.58E 01	[illegible]	[illegible]	5.44E 00	[illegible]	7.26E 00	[illegible]	51
1.58E 01	1.59E 01	[illegible]	1.99E 01	[illegible]	2.92E 00	6.51E 00	7.16E 00	[illegible]	[illegible]	[illegible]
2.00E 01	2.00E 01	[illegible]	2.50E 01	1.00E 01	[illegible]	8.76E 00	[illegible]	1.13E 01	1.36E 01	54
2.51E 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3.16E 01	3.17E 01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.64E 01	[illegible]	47
[illegible]	[illegible]	[illegible]	4.96E 01	1.70E 01	[illegible]	1.57E 01	1.74E 01	1.90E 01	2.54E 01	65
5.01E 01	5.06E 01	5.61E 01	6.20E 01	2.15E 01	1.27E 01	[illegible]	2.16E 01	2.33E 01	[illegible]	36
6.31E 01	6.32E 01	7.02E 01	7.79E 01	2.65E 01	1.69E 01	2.46E 01	2.65E 01	[illegible]	[illegible]	24
7.94E 01	8.00E 01	[illegible]	[illegible]	[illegible]	[illegible]	2.92E 01	[illegible]	[illegible]	[illegible]	15
1.00E 02	1.03E 02	1.14E 02	1.24E 02	3.58E 01	2.50E 01	2.82E 01	3.44E 01	4.15E 01	4.23E 01	7
1.26E 02	1.30E 02	[illegible]	1.58E 02	5.57E 01	3.03E 01	4.67E 01	[illegible]	7.01E 01	[illegible]	13
1.58E 02	1.90E 02	1.90E 02	1.90E 02	[illegible]	8.79E 01				8.76E 01	1
2.00E 02	2.13E 02	2.13E 02	2.13E 02	9.15E 01	9.15E 01				9.15E 01	1
2.51E 02	2.55E 02	2.95E 02	[illegible]	1.42E 02	1.42E 02				1.42E 02	1

TOTAL N: 1944

TABLE   INDONESIA   RAINFALL RATE TABULATED AS A FUNCTION OF
REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	MEDIAN R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.26E-11	1.38E-11	1.38E-11	1.38E-11	5.37E-02	5.37E-02				5.37E-02	1
1.59E-11	1.60E-11	1.77E-11	1.99E-11	5.97E-02	5.26E-02	5.60E-02	5.91E-02	6.55E-02	6.40E-02	4
2.00E-11	2.03E-11	2.21E-11	2.49E-11	8.22E-02	5.62E-02	5.57E-02	7.40E-02	1.00E-01	1.34E-01	8
2.51E-11	2.5?E-11	2.90E-11	3.13E-11	1.1?E-01	7.26E-02	9.09E-02	1.16E-01	1.31E-01	1.48E-01	10
3.16E-11	3.22E-11	3.53E-11	3.91E-11	1.03E-01	6.05E-02	8.03E-02	9.52E-02	1.23E-01	1.57E-01	16
3.98E-11	4.03E-11	4.43E-11	4.95E-11	[illegible]	[illegible]	9.6?E-02	1.1?E-01	1.61E-01	1.99E-01	14
5.01E-11	5.17E-11	5.76E-11	6.30E-11	[illegible]	4.44E-02	1.17E-01	1.47E-01	1.6?E-01	2.0?E-01	2?
6.31E-11	6.3?E-11	7.04E-11	7.87E-11	[illegible]	[illegible]	1.43E-01	1.8?E-01	[illegible]	2.3?E-01	2?
7.94E-11	7.95E-11	8.90E-11	9.77E-11	2.2?E-01	1.31E-01	1.74E-01	2.08E-01	2.59E-01	3.43E-01	20
1.00E-10	1.04E-10	1.15E-10	1.24E-10	2.54E-01	1.23E-01	1.76E-01	2.41E-01	3.15E-01	5.12E-01	16
1.26E-10	1.26E-10	1.44E-10	1.58E-10	3.20E-01	1.88E-01	2.52E-01	3.18E-01	3.59E-01	5.31E-01	31
1.58E-10	1.59E-10	1.77E-10	1.92E-10	3.26E-01	2.29E-01	2.56E-01	3.08E-01	3.69E-01	5.79E-01	25
2.00E-10	2.00E-10	2.22E-10	2.51E-10	3.79E-01	1.97E-01	3.10E-01	3.77E-01	4.35E-01	5.37E-01	44
2.51E-10	2.5?E-10	2.85E-10	3.16E-10	4.82E-01	2.28E-01	4.12E-01	4.37E-01	5.51E-01	1.30E 00	4?
3.16E-10	3.17E-10	3.5?E-10	3.99E-10	5.62E-01	2.19E-01	[illegible]	5.62E-01	6.9?E-01	9.13E-01	47
3.98E-10	4.0?E-10	4.49E-10	5.30E-10	6.81E-01	3.03E-01	5.42E-01	[illegible]	8.2?E-01	[illegible]	4?
5.01E-10	5.0?E-10	5.6?E-10	6.1?E-10	7.3?E-01	3.6?E-01	5.5?E-01	[illegible]	[illegible]	[illegible]	5?
6.31E-10	6.42E-10	7.09E-10	7.93E-10	9.62E-01	3.73E-01	6.80E-01	8.08E-01	1.04E 00	1.57E 00	62
7.94E-10	7.93E-10	8.9?E-10	1.00E-09	9.98E-01	4.50E-01	8.04E-01	9.68E-01	1.2?E 00	1.94E 00	64
1.00E-09	1.01E-09	1.11E-09	1.2?E-09	1.1?E 00	5.3?E-01	[illegible]	1.10E 00	1.4?E 00	1.9?E 00	51
1.26E-09	1.26E-09	1.41E-09	1.54E-09	1.34E 00	6.93E-01	1.1?E 00	1.43E 00	1.7?E 00	[illegible]	56
1.58E-09	1.5?E-09	1.79E-09	1.9?E-09	1.67E 00	5.24E-01	1.37E 00	1.61E 00	2.0?E 00	[illegible]	65
2.00E-09	2.00E-09	2.2?E-09	2.51E-09	1.99E 00	7.40E-01	1.55E 00	1.93E 00	2.3?E 00	3.19E 00	65
2.51E-09	2.5?E-09	2.47E-09	3.10E-09	2.2?E 00	9.04E-01	1.6?E 00	2.19E 00	2.73E 00	3.7?E 00	60
3.16E-09	3.17E-09	3.59E-09	3.99E-09	2.7?E 00	1.21E 00	2.15E 00	2.80E 00	3.35E 00	4.5?E 00	61
3.98E-09	4.0?E-09	4.4?E-09	4.96E-09	3.1?E 00	1.40E 00	2.64E 00	3.21E 00	4.04E 00	6.47E 00	6?
5.01E-09	5.0?E-09	5.60E-09	6.27E-09	3.9?E 00	1.43E 00	3.17E 00	3.86E 00	4.52E 00	6.44E 00	74
6.31E-09	6.42E-09	7.03E-09	7.86E-09	4.46E 00	1.18E 00	3.56E 00	4.34E 00	5.15E 00	7.46E 00	61
7.94E-09	8.0?E-09	8.7?E-09	9.99E-09	5.2?E 00	1.67E 00	4.19E 00	5.07E 00	6.04E 00	1.09E 01	57
1.00E-08	1.00E-08	1.10E-08	1.2?E-08	5.5?E 00	1.3?E 00	5.54E 00	6.51E 00	7.19E 00	1.31E 01	54
1.26E-08	1.26E-08	1.41E-08	1.53E-08	7.05E 00	2.01E 00	6.01E 00	7.47E 00	9.04E 00	1.2?E 01	51
1.58E-08	1.60E-08	1.78E-08	1.99E-08	8.51E 00	1.76E 00	6.96E 00	8.44E 00	9.98E 00	1.35E 01	55
2.00E-08	2.00E-08	2.24E-08	2.51E-08	1.11E 01	4.20E 00	8.74E 00	1.10E 01	1.32E 01	1.55E 01	5?
2.51E-08	2.52E-08	2.85E-08	3.16E-08	1.27E 01	4.10E 00	1.03E 01	1.24E 01	1.52E 01	2.12E 01	51
3.16E-08	3.21E-08	3.59E-08	3.94E-08	1.64E 01	5.75E 00	1.36E 01	1.58E 01	1.99E 01	2.83E 01	4?
3.98E-08	3.99E-08	4.5?E-08	5.03E-08	1.9?E 01	5.27E 00	1.52E 01	1.99E 01	2.40E 01	3.2?E 01	4?
5.01E-08	5.02E-08	5.60E-08	6.25E-08	2.15E 01	1.1?E 01	1.75E 01	2.21E 01	2.57E 01	3.21E 01	4?
6.31E-08	6.32E-08	7.1?E-08	7.9?E-08	2.5?E 01	[illegible]	2.34E 01	2.64E 01	3.2?E 01	4.23E 01	4?
7.94E-08	7.97E-08	8.90E-08	9.94E-08	2.91E 01	7.93E 00	2.37E 01	3.01E 01	3.65E 01	4.8?E 01	4?
1.00E-07	1.01E-07	1.1?E-07	1.25E-07	3.38E 01	1.23E 01	2.58E 01	3.41E 01	4.30E 01	5.2?E 01	47
1.26E-07	1.26E-07	1.4?E-07	1.58E-07	4.16E 01	1.47E 01	3.41E 01	4.14E 01	4.92E 01	6.44E 01	42
1.58E-07	1.60E-07	1.75E-07	1.99E-07	4.38E 01	1.2?E 01	3.6?E 01	4.4?E 01	5.36E 01	8.17E 01	44
2.00E-07	2.02E-07	2.2?E-07	2.51E-07	5.15E 01	1.73E 01	4.41E 01	5.6?E 01	6.75E 01	8.84E 01	36
2.51E-07	2.54E-07	2.81E-07	3.11E-07	5.24E 01	1.66E 01	4.44E 01	5.53E 01	6.84E 01	8.9?E 01	2?
3.16E-07	3.17E-07	3.5?E-07	3.94E-07	6.3?E 01	[illegible]	4.88E 01	5.56E 01	1.1?E 02	1.5?E 02	16
3.98E-07	4.07E-07	4.41E-07	5.01E-07	6.1?E 01	2.6?E 01	4.50E 01	5.31E 01	1.13E 02	1.90E 02	14
5.01E-07	5.02E-07	5.4?E-07	6.2?E-07	6.61E 01	3.0?E 01	4.30E 01	5.44E 01	7.70E 01	1.4?E 02	4
6.31E-07	6.3?E-07	7.1?E-07	8.5?E-07	1.3?E 02	5.5?E 01				2.1?E 02	1
7.94E-07	7.94E-07	8.4?E-07	9.9?E-07	1.4?E 02	4.5?E 01	7.79E 01	1.10E 02	1.4?E 02	2.09E 02	2?
1.00E-06	1.02E-06	1.2?E-06	1.2?E-06	1.5?E 02	1.3?E 02				1.35E 02	1
1.26E-06	1.27E-06	1.27E-06	1.27E-06	1.0?E 02	1.03E 02				1.3?E 02	1
1.58E-06	1.74E-06	1.74E-06	1.74E-06	1.42E 02	1.4?E 02				1.42E 02	1
2.00E-06	2.2?E-06	2.2?E-06	2.2?E-06	1.2?E 02	1.2?E 02				[illegible]	1

[illegible] 1977

TABLE [illegible]. INDONESIA RAINFALL RATE [illegible] AS A FUNCTION OF REFLECTIVITY [illegible]

[illegible] ETA (Z/M)	MIN ETA (Z/M)	MEAN ETA (Z/M)	MAX ETA (Z/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
5.03E-10	5.12E-10	5.12E-10	5.12E-10	5.31E-02	5.37E-02				5.37E-02	1
[illegible]	[illegible]	7.26E-10	[illegible]	6.61E-02	5.26E-02	5.50E-02	6.24E-02	7.56E-02	9.13E-02	7
7.49E-10	8.09E-10	9.06E-10	[illegible]	9.21E-02	5.42E-02	5.67E-02	9.44E-02	1.13E-01	1.34E-01	6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.57E-01	[illegible]	2.91E-01	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.28E-08	[illegible]	7.56E-01	1.63E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL N: [illegible]

TABLE . INDONESIA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 30 DEGREES C

[illegible] ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.28E-09	1.25E-09	1.46E-09	1.55E-09	5.64E-02	5.26E-02				6.28E-02	3
1.54E-09	1.74E-09	1.86E-09	1.95E-09	6.69E-02	5.42E-02	5.48E-02	6.17E-02	7.81E-02	9.10E-02	6
2.00E-09	1.00E-09	2.25E-09	2.37E-09	9.97E-02	5.67E-02	7.41E-02	1.09E-01	1.21E-01	1.34E-01	5
[illegible]	[illegible]	2.44E-09	3.08E-09	1.07E-01	6.98E-02	7.86E-02	1.04E-01	1.27E-01	1.48E-01	12
3.12E-09	[illegible]	3.47E-09	3.96E-09	1.06E-01	6.05E-02	8.78E-02	9.60E-02	1.25E-01	1.67E-01	15
[illegible]	[illegible]	4.66E-09	4.44E-09	1.43E-01	9.60E-02	1.16E-01	1.29E-01	1.74E-01	2.03E-01	15
[illegible]	[illegible]	[illegible]	[illegible]	1.41E-01	9.66E-02	1.10E-01	1.25E-01	1.76E-01	2.24E-01	24
[illegible]	6.56E-09	7.05E-09	7.85E-09	2.05E-01	1.27E-01	1.55E-01	2.00E-01	2.34E-01	3.15E-01	21
[illegible]	8.02E-09	8.85E-09	9.96E-09	2.29E-01	1.31E-01	1.94E-01	2.03E-01	2.84E-01	3.43E-01	17
1.00E-08	1.03E-08	1.13E-08	1.24E-08	2.85E-01	1.23E-01	2.15E-01	2.56E-01	3.39E-01	5.61E-01	20
[illegible]	1.27E-08	1.41E-08	1.54E-08	3.07E-01	1.86E-01	2.51E-01	3.10E-01	3.47E-01	4.63E-01	32
1.58E-08	1.60E-08	1.82E-08	1.99E-08	3.59E-01	1.97E-01	2.97E-01	3.47E-01	4.10E-01	5.79E-01	39
2.00E-08	2.00E-08	2.28E-08	2.51E-08	4.23E-01	2.20E-01	3.32E-01	4.04E-01	4.71E-01	8.11E-01	41
[illegible]	2.52E-08	2.87E-08	3.15E-08	5.04E-01	2.19E-01	3.74E-01	4.66E-01	6.05E-01	1.70E 00	56
[illegible]	[illegible]	[illegible]	[illegible]	5.43E-01	3.03E-01	4.09E-01	5.73E-01	6.79E-01	8.67E-01	38
[illegible]	3.97E-08	4.51E-08	4.94E-08	7.07E-01	3.11E-01	5.52E-01	6.97E-01	8.21E-01	1.15E 00	59
5.01E-08	5.02E-08	5.66E-08	6.27E-08	7.53E-01	3.71E-01	5.84E-01	7.62E-01	9.51E-01	1.36E 00	62
[illegible]	6.31E-08	7.14E-08	7.81E-08	9.36E-01	4.67E-01	7.21E-01	8.86E-01	1.14E 00	1.49E 00	64
7.94E-08	7.96E-08	8.99E-08	1.00E-07	1.08E 00	4.50E-01	8.50E-01	1.05E 00	1.31E 00	1.48E 00	67
1.00E-07	1.00E-07	1.14E-07	1.25E-07	1.32E 00	5.30E-01	1.03E 00	1.22E 00	1.62E 00	2.16E 00	44
1.25E-07	1.26E-07	1.42E-07	1.56E-07	1.60E 00	5.28E-01	1.35E 00	1.53E 00	1.90E 00	2.49E 00	51
1.58E-07	1.60E-07	1.80E-07	1.98E-07	1.81E 00	7.90E-01	1.35E 00	1.83E 00	2.23E 00	3.23E 00	58
2.00E-07	2.01E-07	2.26E-07	2.51E-07	2.11E 00	9.90E-01	1.64E 00	2.04E 00	2.63E 00	3.62E 00	55
2.51E-07	2.52E-07	2.83E-07	3.16E-07	2.69E 00	9.45E-01	2.01E 00	2.36E 00	2.95E 00	4.03E 00	67
3.16E-07	3.17E-07	3.56E-07	3.98E-07	3.24E 00	1.54E 00	2.48E 00	3.01E 00	3.27E 00	5.15E 00	54
3.98E-07	4.00E-07	4.47E-07	5.01E-07	3.72E 00	1.40E 00	2.97E 00	3.70E 00	4.32E 00	6.47E 00	69
5.01E-07	5.02E-07	5.60E-07	6.30E-07	4.28E 00	1.50E 00	3.44E 00	4.08E 00	5.13E 00	7.66E 00	68
6.31E-07	6.32E-07	7.04E-07	7.91E-07	4.47E 00	1.43E 00	4.04E 00	4.86E 00	5.72E 00	8.55E 00	58
7.94E-07	7.96E-07	8.82E-07	9.94E-07	6.37E 00	3.04E 00	5.21E 00	6.11E 00	7.62E 00	1.14E 01	59
1.00E-06	1.00E-06	1.13E-06	1.25E-06	6.46E 00	1.16E 00	5.76E 00	6.91E 00	8.60E 00	1.22E 01	45
1.26E-06	1.26E-06	1.42E-06	1.58E-06	8.85E 00	3.86E 00	6.90E 00	8.44E 00	1.05E 01	1.34E 01	51
1.58E-06	1.58E-06	1.80E-06	1.99E-06	1.03E 01	3.36E 00	8.43E 00	1.00E 01	1.27E 01	1.77E 01	55
2.00E-06	2.01E-06	2.25E-06	2.47E-06	1.16E 01	1.94E 00	8.82E 00	1.17E 01	1.45E 01	1.96E 01	44
2.51E-06	2.52E-06	2.78E-06	3.14E-06	1.46E 01	2.61E 00	1.21E 01	1.47E 01	1.75E 01	2.50E 01	46
3.16E-06	3.19E-06	3.51E-06	3.87E-06	1.63E 01	4.23E 00	1.02E 01	1.79E 01	2.13E 01	2.80E 01	43
3.98E-06	4.02E-06	4.43E-06	5.01E-06	2.03E 01	4.10E 00	1.73E 01	2.11E 01	2.47E 01	3.37E 01	40
5.01E-06	5.13E-06	5.63E-06	6.27E-06	2.36E 01	9.85E 00	1.70E 01	2.42E 01	2.80E 01	3.60E 01	37
6.31E-06	6.33E-06	7.07E-06	7.91E-06	2.70E 01	6.27E 00	2.09E 01	2.95E 01	3.26E 01	4.62E 01	53
7.94E-06	7.97E-06	8.90E-06	9.96E-06	2.90E 01	5.75E 00	2.11E 01	3.21E 01	3.82E 01	4.59E 01	36
1.00E-05	1.01E-05	1.14E-05	1.25E-05	3.14E 01	7.02E 00	2.49E 01	3.15E 01	4.16E 01	5.29E 01	42
1.26E-05	1.27E-05	1.43E-05	1.58E-05	3.49E 01	6.24E 00	3.14E 01	4.06E 01	5.15E 01	6.44E 01	37
1.58E-05	1.59E-05	1.80E-05	1.99E-05	4.23E 01	7.83E 00	2.94E 01	4.29E 01	5.37E 01	8.17E 01	26
2.00E-05	2.03E-05	2.28E-05	2.51E-05	5.00E 01	1.23E 01	3.67E 01	4.76E 01	6.80E 01	8.44E 01	33
2.51E-05	2.54E-05	2.87E-05	3.13E-05	4.59E 01	1.47E 01	3.34E 01	4.35E 01	5.77E 01	8.33E 01	29
3.16E-05	3.19E-05	3.60E-05	3.93E-05	5.49E 01	1.27E 01	3.80E 01	4.69E 01	7.59E 01	1.04E 02	25
3.98E-05	4.03E-05	4.54E-05	5.01E-05	7.20E 01	1.77E 01	4.36E 01	5.76E 01	8.46E 01	1.49E 02	35
5.01E-05	5.06E-05	5.69E-05	6.25E-05	6.34E 01	1.66E 01	2.95E 01	4.96E 01	9.07E 01	1.43E 02	18
6.31E-05	7.00E-05	7.45E-05	7.85E-05	8.81E 01	1.12E 01	3.76E 01	8.46E 01	1.31E 02	2.13E 02	7
7.94E-05	7.96E-05	8.99E-05	9.99E-05	1.00E 02	3.53E 01	4.99E 01	7.41E 01	1.79E 02	2.49E 02	5
1.00E-04	1.00E-04	1.13E-04	1.25E-04	9.29E 01	2.63E 01	3.73E 01	9.42E 01	1.63E 02	1.82E 02	4
1.26E-04	1.42E-04	1.48E-04	1.59E-04	1.00E 02	1.40E 02				1.49E 02	2
1.58E-04	1.72E-04	1.68E-04	1.90E-04	8.19E 01	8.89E 01				9.49E 01	1
2.00E-04	2.24E-04	2.24E-04	2.24E-04	1.35E 02	1.35E 02				1.35E 02	1
2.51E-04	2.51E-04	2.51E-04	2.51E-04	1.03E 02	1.03E 02				1.03E 02	1
3.16E-04	3.63E-04	3.63E-04	3.63E-04	1.32E 02	1.32E 02				1.32E 02	1
[illegible]	[illegible]	[illegible]	[illegible]	1.23E 02	1.23E 02				1.23E 02	1

TOTAL NO 1077

TABLE [illegible]. INDONESIA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.26E-11	1.32E-11	1.38E-11	1.38E-11	3.40E-05	3.40E-05				3.40E-05	1
1.58E-11	1.66E-11	1.77E-11	1.89E-11	3.39E-05	2.85E-05	2.91E-05	3.41E-05	3.88E-05	3.91E-05	4
2.00E-11	2.03E-11	2.21E-11	2.43E-11	4.96E-05	2.68E-05	2.88E-05	4.44E-05	6.66E-05	9.45E-05	[illegible]
2.51E-11	2.53E-11	2.94E-11	3.13E-11	6.98E-05	3.55E-05	5.74E-05	7.03E-05	8.25E-05	1.13E-04	11
3.16E-11	3.22E-11	3.53E-11	3.91E-11	5.68E-05	3.28E-05	3.44E-05	4.97E-05	7.45E-05	1.06E-04	14
3.98E-11	4.03E-11	4.43E-11	4.75E-11	7.03E-05	4.47E-05	4.58E-05	5.57E-05	9.41E-05	1.23E-04	14
5.01E-11	5.17E-11	5.74E-11	6.30E-11	6.86E-05	3.75E-05	5.33E-05	6.27E-05	8.37E-05	1.19E-04	[illegible]
6.31E-11	6.34E-11	7.04E-11	7.47E-11	1.03E-04	4.23E-05	7.22E-05	1.02E-04	1.27E-04	2.13E-04	[illegible]
7.94E-11	7.95E-11	8.90E-11	9.77E-11	1.17E-04	5.91E-05	8.15E-05	1.35E-04	1.46E-04	2.04E-04	20
1.00E-10	1.04E-10	1.15E-10	1.23E-10	1.30E-04	5.27E-05	7.65E-05	1.15E-04	1.65E-04	3.18E-04	16
1.26E-10	1.26E-10	1.44E-10	1.58E-10	1.59E-04	9.20E-05	1.21E-04	1.59E-04	1.77E-04	3.49E-04	31
1.58E-10	1.55E-10	1.77E-10	1.92E-10	1.54E-04	9.54E-05	1.18E-04	1.35E-04	1.70E-04	3.15E-04	25
2.00E-10	2.00E-10	2.22E-10	2.51E-10	1.75E-04	8.75E-05	1.42E-04	1.69E-04	2.08E-04	3.05E-04	44
2.51E-10	2.53E-10	2.91E-10	3.16E-10	2.23E-04	1.00E-04	1.53E-04	1.69E-04	2.52E-04	5.58E-04	52
3.16E-10	3.17E-10	3.54E-10	3.96E-10	2.55E-04	9.08E-05	1.93E-04	2.38E-04	3.12E-04	4.90E-04	43
3.98E-10	4.00E-10	4.49E-10	5.39E-10	3.04E-04	1.20E-04	2.27E-04	2.82E-04	3.77E-04	5.98E-04	45
5.01E-10	5.02E-10	5.64E-10	6.37E-10	3.01E-04	1.42E-04	2.35E-04	2.89E-04	3.75E-04	5.13E-04	[illegible]
6.31E-10	6.42E-10	7.05E-10	7.93E-10	3.73E-04	1.47E-04	2.76E-04	3.39E-04	4.50E-04	8.41E-04	62
7.94E-10	7.97E-10	8.96E-10	1.00E-09	4.26E-04	1.75E-04	3.16E-04	3.97E-04	5.29E-04	9.43E-04	[illegible]
1.00E-09	1.01E-09	1.11E-09	1.25E-09	4.75E-04	2.28E-04	3.68E-04	4.46E-04	5.48E-04	8.31E-04	[illegible]
1.26E-09	1.26E-09	1.41E-09	1.54E-09	6.13E-04	2.62E-04	4.41E-04	5.87E-04	7.57E-04	1.30E-03	[illegible]
1.58E-09	1.59E-09	1.78E-09	1.93E-09	6.92E-04	2.20E-04	5.43E-04	6.51E-04	8.35E-04	1.39E-03	[illegible]
2.00E-09	2.00E-09	2.23E-09	2.51E-09	8.13E-04	3.11E-04	6.32E-04	7.72E-04	9.60E-04	1.57E-03	[illegible]
2.51E-09	2.52E-09	2.87E-09	3.15E-09	8.93E-04	3.57E-04	6.34E-04	8.82E-04	1.16E-03	1.52E-03	[illegible]
3.16E-09	3.17E-09	3.58E-09	3.93E-09	1.11E-03	4.10E-04	8.45E-04	1.09E-03	1.39E-03	1.90E-03	41
3.98E-09	4.03E-09	4.45E-09	4.96E-09	1.29E-03	5.50E-04	9.85E-04	1.17E-03	1.60E-03	2.70E-03	47
5.01E-09	5.06E-09	5.66E-09	6.27E-09	1.57E-03	6.08E-04	1.23E-03	1.54E-03	1.88E-03	2.54E-03	[illegible]
6.31E-09	6.32E-09	7.03E-09	7.46E-09	1.72E-03	5.70E-04	1.38E-03	1.76E-03	2.03E-03	3.10E-03	61
7.94E-09	8.00E-09	8.76E-09	9.39E-09	2.07E-03	7.69E-04	1.59E-03	1.99E-03	2.35E-03	4.51E-03	57
1.00E-08	1.00E-08	1.13E-08	1.25E-08	2.58E-03	7.24E-04	2.15E-03	2.57E-03	3.05E-03	4.79E-03	[illegible]
1.26E-08	1.26E-08	1.41E-08	1.54E-08	3.05E-03	1.0[illegible]E-03	2.43E-03	2.99E-03	3.62E-03	4.45E-03	51
1.58E-08	1.60E-08	1.76E-08	1.97E-08	3.47E-03	1.49E-03	2.65E-03	3.53E-03	3.94E-03	5.72E-03	[illegible]
2.00E-08	2.00E-08	2.24E-08	2.51E-08	4.44E-03	1.97E-03	3.55E-03	4.22E-03	5.20E-03	7.44E-03	53
2.51E-08	2.52E-08	2.85E-08	3.15E-08	5.06E-03	1.94E-03	4.01E-03	5.15E-03	6.11E-03	8.35E-03	51
3.16E-08	3.21E-08	3.59E-08	3.98E-08	6.45E-03	2.95E-03	5.19E-03	6.39E-03	7.74E-03	1.15E-02	[illegible]
3.98E-08	3.99E-08	4.55E-08	5.03E-08	7.56E-03	2.64E-03	6.07E-03	7.65E-03	9.48E-03	1.17E-02	[illegible]
5.01E-08	5.02E-08	5.60E-08	6.25E-08	8.83E-03	5.71E-03	7.07E-03	8.97E-03	1.01E-02	1.25E-02	43
6.31E-08	6.32E-08	7.18E-08	7.92E-08	1.04E-02	3.76E-03	8.19E-03	1.06E-02	1.27E-02	[illegible]	57
7.94E-08	7.97E-08	8.90E-08	9.93E-08	1.19E-02	4.72E-03	9.77E-03	1.23E-02	1.43E-02	1.94E-02	43
1.00E-07	1.01E-07	1.13E-07	1.25E-07	1.40E-02	7.56E-03	1.22E-02	1.35E-02	1.61E-02	2.15E-02	47
1.26E-07	1.26E-07	1.43E-07	1.59E-07	1.73E-02	8.78E-03	1.47E-02	1.70E-02	2.05E-02	2.67E-02	[illegible]
1.58E-07	1.60E-07	1.78E-07	1.99E-07	1.90E-02	8.94E-03	1.71E-02	1.94E-02	2.19E-02	3.14E-02	44
2.00E-07	2.02E-07	2.25E-07	2.51E-07	2.33E-02	1.29E-02	1.90E-02	2.40E-02	2.78E-02	3.37E-02	34
2.51E-07	2.53E-07	2.81E-07	3.11E-07	2.46E-02	1.44E-02	1.86E-02	2.50E-02	2.99E-02	4.52E-02	[illegible]
3.16E-07	3.17E-07	3.46E-07	3.78E-07	3.75E-02	1.92E-02	2.54E-02	3.61E-02	4.52E-02	5.29E-02	[illegible]
3.98E-07	4.07E-07	4.61E-07	5.31E-07	4.28E-02	2.63E-02	2.94E-02	4.25E-02	4.77E-02	7.57E-02	14
5.01E-07	5.02E-07	5.47E-07	6.23E-07	3.73E-02	2.49E-02	3.10E-02	3.55E-02	3.98E-02	4.74E-02	4
6.31E-07	6.54E-07	6.73E-07	6.94E-07	6.32E-02	4.39E-02				[illegible]	3
7.94E-07	7.99E-07	8.85E-07	9.45E-07	7.14E-02	5.02E-02	5.95E-02	6.37E-02	7.23E-02	1.22E-01	4
1.00E-06	1.22E-06	1.22E-06	1.22E-06	7.84E-02	7.84E-02				7.84E-02	1
1.26E-06	1.27E-06	1.27E-06	1.27E-06	7.16E-02	7.16E-02				7.16E-02	1
1.58E-06	1.78E-06	1.78E-06	1.78E-06	1.01E-01	1.01E-01				1.01E-01	1
2.00E-06	2.22E-06	2.22E-06	2.22E-06	1.25E-01	1.25E-01				1.25E-01	1

TOTAL N: 1472

TABLE [illegible]. INDONESIA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
5.01E-10	5.32E-10	5.32E-10	5.32E-10	2.47E-04	2.47E-04				2.47E-04	1
6.31E-10	6.38E-10	7.25E-10	7.89E-10	2.86E-04	2.18E-04	2.27E-04	2.81E-04	3.25E-04	4.19E-04	7
7.94E-10	8.04E-10	9.06E-10	9.78E-10	4.16E-04	2.15E-04	2.28E-04	4.17E-04	5.58E-04	6.59E-04	6
1.00E-09	1.09E-09	1.16E-09	1.25E-09	4.86E-04	2.74E-04	3.40E-04	4.86E-04	5.82E-04	7.20E-04	11
1.26E-09	1.28E-09	1.41E-09	1.53E-09	[illegible]	2.81E-04	3.36E-04	3.97E-04	5.38E-04	7.66E-04	15
1.58E-09	1.63E-09	1.76E-09	[illegible]	[illegible]	3.76E-04	3.96E-04	4.83E-04	7.40E-04	8.72E-04	12
2.00E-09	2.00E-09	2.27E-09	2.51E-09	5.91E-04	3.45E-04	4.57E-04	5.30E-04	7.23E-04	9.97E-04	29
2.51E-09	2.63E-09	2.88E-09	3.12E-09	8.67E-04	4.99E-04	6.11E-04	8.21E-04	9.95E-04	1.53E-03	19
3.16E-09	3.25E-09	3.51E-09	3.72E-09	9.27E-04	5.44E-04	6.76E-04	8.31E-04	1.15E-03	1.43E-03	15
3.98E-09	3.99E-09	4.48E-09	4.91E-09	1.04E-03	5.47E-04	7.44E-04	9.67E-04	1.16E-03	2.30E-03	20
5.01E-09	5.06E-09	5.70E-09	6.30E-09	1.30E-03	8.00E-04	1.05E-03	1.28E-03	1.43E-03	2.52E-03	33
6.31E-09	6.34E-09	7.19E-09	7.89E-09	1.46E-03	9.42E-04	1.21E-03	1.37E-03	1.63E-03	2.41E-03	30
7.94E-09	[illegible]	8.97E-09	1.00E-08	1.54E-03	9.33E-04	1.26E-03	1.61E-03	1.79E-03	3.43E-03	43
1.00E-08	1.01E-08	1.12E-08	1.25E-08	2.04E-03	1.12E-03	1.55E-03	1.86E-03	2.43E-03	4.23E-03	55
1.26E-08	1.27E-08	1.41E-08	1.58E-08	2.21E-03	1.19E-03	1.86E-03	2.18E-03	2.57E-03	3.49E-03	43
1.58E-08	1.60E-08	1.80E-08	1.99E-08	2.85E-03	1.57E-03	2.32E-03	2.70E-03	3.16E-03	4.64E-03	50
2.00E-08	2.00E-08	2.26E-08	2.51E-08	3.17E-03	1.83E-03	2.56E-03	3.18E-03	3.69E-03	5.33E-03	[illegible]
2.51E-08	2.53E-08	2.85E-08	3.16E-08	3.78E-03	2.27E-03	3.08E-03	3.56E-03	4.49E-03	7.52E-03	61
3.16E-08	3.18E-08	3.55E-08	[illegible]	4.50E-03	2.67E-03	3.79E-03	4.26E-03	[illegible]	8.05E-03	66
3.98E-08	3.99E-08	4.47E-08	5.00E-08	5.49E-03	3.34E-03	4.72E-03	5.23E-03	6.48E-03	9.40E-03	51
5.01E-08	5.06E-08	5.60E-08	6.30E-08	6.71E-03	4.15E-03	5.56E-03	6.45E-03	7.59E-03	1.13E-02	51
6.31E-08	6.32E-08	7.21E-08	7.89E-08	9.11E-03	5.40E-03	6.71E-03	8.03E-03	9.38E-03	1.37E-02	60
7.94E-08	7.95E-08	8.97E-08	9.98E-08	9.56E-03	6.38E-03	8.27E-03	9.22E-03	1.06E-02	1.45E-02	55
1.00E-07	1.01E-07	1.12E-07	1.25E-07	1.12E-02	7.71E-03	9.77E-03	1.11E-02	1.27E-02	1.56E-02	63
1.26E-07	1.26E-07	1.41E-07	1.54E-07	1.39E-02	1.04E-02	1.25E-02	1.35E-02	1.52E-02	1.89E-02	63
1.58E-07	1.59E-07	1.82E-07	1.99E-07	1.79E-02	1.21E-02	1.55E-02	1.75E-02	1.96E-02	2.65E-02	61
2.00E-07	2.00E-07	2.21E-07	2.51E-07	2.05E-02	1.51E-02	1.83E-02	2.09E-02	2.26E-02	2.75E-02	71
2.51E-07	2.52E-07	2.83E-07	3.16E-07	2.58E-02	2.00E-02	2.38E-02	2.51E-02	2.75E-02	3.67E-02	79
3.16E-07	3.19E-07	3.61E-07	3.98E-07	3.21E-02	2.56E-02	2.80E-02	3.13E-02	3.50E-02	4.53E-02	54
3.98E-07	3.99E-07	4.42E-07	4.97E-07	3.92E-02	3.18E-02	3.57E-02	3.81E-02	4.26E-02	5.39E-02	49
5.01E-07	5.02E-07	5.64E-07	6.24E-07	4.87E-02	4.04E-02	4.45E-02	4.86E-02	5.21E-02	6.09E-02	53
6.31E-07	6.34E-07	7.12E-07	7.93E-07	6.04E-02	4.37E-02	5.52E-02	5.89E-02	6.41E-02	8.09E-02	52
7.94E-07	7.98E-07	8.90E-07	9.99E-07	7.46E-02	6.21E-02	6.79E-02	7.40E-02	7.99E-02	8.96E-02	54
1.00E-06	1.01E-06	1.12E-06	1.25E-06	9.11E-02	6.95E-02	8.49E-02	9.06E-02	9.71E-02	1.08E-01	46
1.26E-06	1.26E-06	1.39E-06	1.54E-06	1.14E-01	9.61E-02	1.05E-01	1.14E-01	1.19E-01	1.36E-01	33
1.58E-06	1.59E-06	1.77E-06	1.99E-06	1.43E-01	1.07E-01	1.32E-01	1.42E-01	1.53E-01	1.75E-01	49
2.00E-06	2.00E-06	2.24E-06	2.50E-06	1.74E-01	1.16E-01	1.61E-01	1.76E-01	1.88E-01	2.05E-01	39
2.51E-06	2.52E-06	2.77E-06	3.08E-06	2.16E-01	1.82E-01	2.04E-01	2.15E-01	2.30E-01	2.52E-01	52
3.16E-06	3.18E-06	3.56E-06	3.98E-06	2.67E-01	9.75E-02	2.59E-01	2.71E-01	2.84E-01	3.11E-01	42
3.98E-06	4.00E-06	4.45E-06	5.01E-06	3.18E-01	1.42E-01	3.11E-01	3.32E-01	3.60E-01	3.36E-01	37
5.01E-06	5.02E-06	5.63E-06	6.30E-06	3.91E-01	1.50E-01	3.57E-01	4.17E-01	4.51E-01	4.91E-01	39
6.31E-06	6.31E-06	7.09E-06	7.92E-06	4.40E-01	2.23E-01	4.54E-01	4.94E-01	5.38E-01	6.02E-01	31
7.94E-06	7.99E-06	8.71E-06	9.71E-06	5.58E-01	2.40E-01	4.87E-01	5.88E-01	6.32E-01	6.81E-01	31
1.00E-05	1.01E-05	1.10E-05	1.25E-05	6.18E-01	3.01E-01	4.50E-01	6.47E-01	7.78E-01	1.00E 00	23
1.26E-05	1.26E-05	1.38E-05	1.55E-05	7.97E-01	3.80E-01	6.54E-01	8.43E-01	9.95E-01	1.10E 00	16
1.58E-05	1.60E-05	1.77E-05	1.93E-05	8.72E-01	2.37E-01	6.46E-01	8.12E-01	1.20E 00	1.37E 00	18
2.00E-05	2.10E-05	2.29E-05	2.44E-05	1.09E 00	3.81E-01	6.10E-01	9.74E-01	1.70E 00	1.98E 00	5
2.51E-05	2.55E-05	2.74E-05	3.14E-05	1.09E 00	3.03E-01	4.90E-01	1.03E 00	1.50E 00	2.24E 00	7
3.16E-05	3.66E-05	3.82E-05	3.96E-05	8.01E-01	3.31E-01	3.77E-01	9.12E-01	1.15E 00	1.25E 00	5
3.98E-05	4.03E-05	4.41E-05	4.92E-05	1.07E 00	5.90E-01	8.49E-01	9.43E-01	9.81E-01	2.13E 00	6
5.01E-05	5.08E-05	5.44E-05	6.08E-05	1.25E 00	7.34E-01	8.17E-01	9.70E-01	1.68E 00	2.32E 00	4
6.31E-05	6.51E-05	6.95E-05	7.40E-05	1.83E 00	1.67E 00				2.00E 00	2
7.94E-05	9.45E-05	9.52E-05	9.60E-05	1.65E 00	1.07E 00				2.24E 00	2
1.00E-04	1.03E-04	1.03E-04	1.03E-04	2.49E 00	2.49E 00				2.49E 00	1
1.26E-04										
1.58E-04	1.70E-04	1.70E-04	1.70E-04	2.55E 00	2.55E 00				2.55E 00	1
2.00E-04	2.30E-04	2.30E-04	2.30E-04	2.37E 00	2.37E 00				2.37E 00	1

TOTAL N: 1872

TABLE . . INDONESIA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 5.2 CM. 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.26E-09	1.29E-09	1.46E-09	1.55E-09	4.19E-04	3.72E-04				4.72E-04	3
1.58E-09	1.74E-09	1.88E-09	1.95E-09	4.86E-04	3.74E-04	3.92E-04	4.42E-04	5.66E-04	6.97E-04	6
2.00E-09	2.00E-09	2.25E-09	2.37E-09	7.60E-04	3.96E-04	5.21E-04	8.37E-04	9.63E-04	1.09E-03	5
2.51E-09	2.63E-09	2.84E-09	3.08E-09	7.98E-04	4.84E-04	5.67E-04	7.92E-04	9.50E-04	1.18E-03	12
3.16E-09	3.19E-09	3.47E-09	3.66E-09	7.73E-04	5.02E-04	6.23E-04	6.84E-04	9.11E-04	1.28E-03	15
3.98E-09	3.99E-09	4.46E-09	4.98E-09	1.03E-03	6.44E-04	7.88E-04	9.04E-04	1.28E-03	1.49E-03	15
5.01E-09	5.03E-09	5.57E-09	6.03E-09	1.01E-03	6.32E-04	7.93E-04	8.77E-04	1.24E-03	1.67E-03	24
6.31E-09	6.34E-09	7.05E-09	7.85E-09	1.47E-03	9.02E-04	1.09E-03	1.41E-03	1.68E-03	2.09E-03	21
7.94E-09	8.02E-09	8.85E-09	9.98E-09	1.65E-03	9.98E-04	1.30E-03	1.46E-03	2.10E-03	2.51E-03	17
1.00E-08	1.03E-08	1.13E-08	1.24E-08	2.07E-03	1.06E-03	1.55E-03	1.84E-03	2.40E-03	4.21E-03	20
1.26E-08	1.27E-08	1.41E-08	1.54E-08	2.20E-03	1.51E-03	1.86E-03	2.17E-03	2.45E-03	3.30E-03	32
1.58E-08	1.60E-08	1.82E-08	1.99E-08	2.62E-03	1.77E-03	2.21E-03	2.50E-03	2.95E-03	4.12E-03	37
2.00E-08	2.00E-08	2.26E-08	2.51E-08	3.11E-03	1.87E-03	2.56E-03	2.94E-03	3.35E-03	5.85E-03	41
2.51E-08	2.52E-08	2.82E-08	3.15E-08	3.73E-03	2.44E-03	2.91E-03	3.48E-03	4.35E-03	7.20E-03	56
3.16E-08	3.20E-08	3.56E-08	3.97E-08	4.35E-03	3.00E-03	3.42E-03	4.19E-03	4.91E-03	6.09E-03	44
3.98E-08	3.99E-08	4.49E-08	4.98E-08	5.37E-03	3.26E-03	4.49E-03	5.23E-03	6.02E-03	8.12E-03	49
5.01E-08	5.02E-08	5.66E-08	6.27E-08	6.01E-03	4.18E-03	5.10E-03	5.97E-03	6.82E-03	9.46E-03	62
6.31E-08	6.32E-08	7.14E-08	7.91E-08	7.55E-03	5.61E-03	6.40E-03	7.28E-03	8.54E-03	1.12E-02	63
7.94E-08	7.96E-08	8.96E-08	1.00E-07	8.97E-03	5.86E-03	7.57E-03	8.92E-03	1.01E-02	1.42E-02	67
1.00E-07	1.01E-07	1.14E-07	1.25E-07	1.11E-02	8.07E-03	9.19E-03	1.05E-02	1.27E-02	1.54E-02	44
1.26E-07	1.26E-07	1.42E-07	1.56E-07	1.37E-02	9.63E-03	1.20E-02	1.33E-02	1.50E-02	2.14E-02	51
1.58E-07	1.60E-07	1.80E-07	1.99E-07	1.63E-02	1.20E-02	1.39E-02	1.63E-02	1.96E-02	2.64E-02	58
2.00E-07	2.01E-07	2.26E-07	2.51E-07	1.97E-02	1.47E-02	1.75E-02	1.95E-02	2.13E-02	2.69E-02	55
2.51E-07	2.52E-07	2.83E-07	3.16E-07	2.39E-02	1.84E-02	2.11E-02	2.31E-02	2.61E-02	3.28E-02	67
3.16E-07	3.17E-07	3.56E-07	3.98E-07	2.94E-02	2.36E-02	2.72E-02	2.87E-02	3.11E-02	4.13E-02	53
3.98E-07	4.00E-07	4.57E-07	5.01E-07	3.76E-02	2.78E-02	3.44E-02	3.78E-02	3.97E-02	4.95E-02	65
5.01E-07	5.02E-07	5.56E-07	6.30E-07	4.47E-02	3.60E-02	4.10E-02	4.38E-02	4.83E-02	6.07E-02	68
6.31E-07	6.32E-07	7.04E-07	7.91E-07	5.44E-02	3.78E-02	5.08E-02	5.35E-02	5.76E-02	7.38E-02	63
7.94E-07	7.96E-07	9.02E-07	9.96E-07	7.02E-02	5.31E-02	6.28E-02	7.18E-02	7.58E-02	8.51E-02	59
1.00E-06	1.00E-06	1.13E-06	1.25E-06	8.25E-02	6.05E-02	7.84E-02	8.35E-02	9.00E-02	1.36E-01	46
1.26E-06	1.26E-06	1.41E-06	1.54E-06	1.05E-01	7.52E-02	9.92E-02	1.06E-01	1.11E-01	1.65E-01	51
1.58E-06	1.59E-06	1.80E-06	1.94E-06	1.30E-01	8.72E-02	1.19E-01	1.28E-01	1.46E-01	1.66E-01	55
2.00E-06	2.01E-06	2.25E-06	2.47E-06	1.67E-01	5.19E-02	1.45E-01	1.61E-01	1.76E-01	1.99E-01	44
2.51E-06	2.54E-06	2.78E-06	3.13E-06	1.92E-01	6.74E-02	1.86E-01	1.96E-01	2.12E-01	2.67E-01	46
3.16E-06	3.19E-06	3.51E-06	3.97E-06	2.27E-01	1.17E-01	1.98E-01	2.41E-01	2.56E-01	2.98E-01	43
3.98E-06	4.02E-06	4.53E-06	5.01E-06	2.37E-01	8.99E-02	2.98E-01	3.13E-01	3.32E-01	3.63E-01	40
5.01E-06	5.10E-06	5.60E-06	6.27E-06	3.58E-01	1.57E-01	3.31E-01	3.67E-01	4.09E-01	4.52E-01	30
6.31E-06	6.33E-06	7.07E-06	7.91E-06	4.32E-01	1.73E-01	4.05E-01	4.60E-01	4.84E-01	5.47E-01	53
7.94E-06	7.97E-06	8.90E-06	9.98E-06	5.06E-01	1.10E-01	4.30E-01	5.28E-01	6.00E-01	6.91E-01	36
1.00E-05	1.01E-05	1.14E-05	1.25E-05	5.[illegible]E-01	1.97E-01	5.27E-01	6.23E-01	7.17E-01	8.00E-01	42
1.26E-05	1.28E-05	1.43E-05	1.58E-05	7.46E-01	2.28E-01	6.87E-01	7.88E-01	9.01E-01	1.06E 00	37
1.58E-05	1.59E-05	1.80E-05	1.99E-05	8.05E-01	3.14E-01	5.47E-01	8.72E-01	1.07E 00	1.19E 00	26
2.00E-05	2.00E-05	2.25E-05	2.51E-05	1.04E 00	3.47E-01	8.29E-01	1.07E 00	1.28E 00	1.51E 00	33
2.51E-05	2.52E-05	2.77E-05	3.13E-05	1.02E 00	4.01E-01	8.36E-01	1.05E 00	1.27E 00	1.64E 00	29
3.16E-05	3.18E-05	3.45E-05	3.90E-05	1.23E 00	3.15E-01	7.70E-01	1.06E 00	1.65E 00	2.35E 00	26
3.98E-05	4.03E-05	4.49E-05	5.01E-05	1.50E 00	5.16E-01	1.18E 00	1.37E 00	1.85E 00	2.97E 00	15
5.01E-05	5.06E-05	5.53E-05	6.25E-05	1.51E 00	4.32E-01	9.52E-01	1.36E 00	2.35E 00	2.97E 00	14
6.31E-05	7.00E-05	7.45E-05	7.85E-05	1.98E 00	4.75E-01	7.47E-01	1.79E 00	3.18E 00	4.33E 00	7
7.94E-05	7.96E-05	8.96E-05	9.59E-05	2.25E 00	1.17E 00	1.45E 00	2.02E 00	2.17E 00	2.79E 00	6
1.00E-04	1.00E-04	1.09E-04	1.25E-04	1.59E 00	8.96E-01	1.25E 00	1.42E 00	1.65E 00	2.14E 00	9
1.26E-04	1.42E-04	1.48E-04	1.56E-04	3.66E 00	3.51E 00				3.81E 00	2
1.59E-04	1.72E-04	1.80E-04	1.90E-04	2.42E 00	1.79E 00				2.79E 00	3
2.00E-04	2.24E-04	2.24E-04	2.24E-04	3.75E 00	3.75E 00				3.75E 00	1
2.51E-04	2.58E-04	2.58E-04	2.58E-04	3.48E 00	3.48E 00				3.48E 00	1
3.16E-04	3.63E-04	3.63E-04	3.63E-04	3.82E 00	3.82E 00				3.82E 00	1
3.98E-04	4.61E-04	4.61E-04	4.61E-04	3.75E 00	3.75E 00				3.75E 00	1

TOTAL N: 1472

TABLE . NEW JERSEY REFLECTIVITY FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	5.13E-11	2.82E-11	4.06E-11	4.81E-11	5.79E-11	9.39E-11	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	6.79E-11	2.97E-11	5.18E-11	6.33E-11	7.56E-11	1.43E-10	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	9.04E-11	4.03E-11	6.78E-11	8.12E-11	1.01E-10	4.35E-10	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	1.17E-10	5.42E-11	8.23E-11	1.04E-10	1.44E-10	3.23E-10	64
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.76E-10	8.19E-11	1.23E-10	1.53E-10	2.09E-10	3.66E-10	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	2.19E-10	6.78E-11	1.60E-10	2.02E-10	2.53E-10	5.62E-10	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	3.00E-10	1.33E-10	2.08E-10	2.72E-10	3.75E-10	9.71E-10	110
5.01E-01	5.02E-01	5.63E-01	6.30E-01	4.29E-10	1.67E-10	2.91E-10	3.76E-10	4.94E-10	2.10E-09	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	5.56E-10	1.57E-10	3.93E-10	4.86E-10	6.19E-10	2.43E-09	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	7.50E-10	2.72E-10	5.35E-10	6.41E-10	8.62E-10	5.62E-09	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.06E-09	3.07E-10	7.25E-10	8.96E-10	1.16E-09	4.43E-09	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.50E-09	5.33E-10	9.92E-10	1.22E-09	1.61E-09	1.70E-08	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.58E-09	5.91E-10	1.14E-09	1.49E-09	1.85E-09	5.25E-09	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	2.37E-09	6.92E-10	1.61E-09	2.07E-09	2.78E-09	8.55E-09	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	3.74E-09	9.37E-10	2.08E-09	2.66E-09	3.56E-09	4.50E-08	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	4.66E-09	1.06E-09	2.82E-09	3.63E-09	5.09E-09	3.91E-08	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	5.55E-09	1.52E-09	3.66E-09	4.63E-09	6.01E-09	4.50E-08	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	8.29E-09	2.54E-09	4.70E-09	6.13E-09	8.22E-09	8.13E-08	128
6.31E 00	6.31E 00	7.08E 00	7.94E 00	1.03E-08	2.46E-09	6.66E-09	7.99E-09	1.08E-08	2.10E-07	111
7.94E 00	7.96E 00	8.78E 00	9.86E 00	1.56E-08	3.40E-09	8.81E-09	1.05E-08	1.45E-08	1.15E-07	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	1.92E-08	5.50E-09	1.03E-08	1.31E-08	1.83E-08	1.19E-07	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	3.31E-08	7.12E-09	1.41E-08	2.35E-08	5.12E-08	9.59E-08	36
1.58E 01	1.59E 01	1.77E 01	1.98E 01	6.32E-08	9.04E-09	1.97E-08	4.07E-08	9.27E-08	2.49E-07	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	5.46E-08	1.33E-08	2.43E-08	3.74E-08	7.56E-08	2.02E-07	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	9.81E-08	1.96E-08	6.24E-08	7.87E-08	1.29E-07	2.68E-07	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	1.12E-07	3.29E-08	7.52E-08	1.02E-07	1.14E-07	3.31E-07	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	1.96E-07	8.70E-08	1.30E-07	1.68E-07	2.72E-07	3.41E-07	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	2.29E-07	9.16E-08	1.52E-07	2.16E-07	2.70E-07	4.39E-07	9
6.31E 01	6.47E 01	7.28E 01	7.80E 01	2.99E-07	1.80E 07	1.91E-07	2.23E-07	3.59E-07	6.16E-07	7
7.94E 01	8.07E 01	8.84E 01	9.80E 01	2.94E-07	2.17E-07				4.07E-07	3
1.00E 02	1.01E 02	1.08E 02	1.19E 02	4.06E-07	3.21E-07	4.52E-07	3.91E-07	4.60E-07	4.92E-07	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	5.39E-07	4.02E-07	4.63E-07	4.86E-07	5.99E-07	7.84E-07	5

TOTAL N: 3061

TABLE . NEW JERSEY REFLECTIVITY FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	1.95E-09	1.09E-09	1.55E-09	1.83E-09	2.20E-09	3.52E-09	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	2.58E-09	1.15E-09	1.98E-09	2.41E-09	2.87E-09	5.31E-09	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	3.42E-09	1.56E-09	2.59E-09	3.10E-09	3.83E-09	1.53E-08	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	4.44E-09	2.09E-09	3.15E-09	3.95E-09	5.46E-09	1.17E-08	64
2.51E-01	2.52E-01	2.82E-01	3.16E-01	6.61E-09	3.15E-09	4.72E-09	5.82E-09	7.85E-09	1.33E-08	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	8.23E-09	2.62E-09	6.10E-09	7.66E-09	9.47E-09	1.95E-08	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	1.12E-08	5.10E-09	7.48E-09	1.02E-08	1.40E-08	3.35E-08	110
5.01E-01	5.02E-01	5.63E-01	6.30E-01	1.59E-08	6.41E-09	1.11E-08	1.42E-08	1.85E-08	6.94E-08	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	2.06E-08	6.07E-09	1.49E-08	1.84E-08	2.30E-08	6.13E-08	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	2.77E-08	1.04E-08	2.03E-08	2.43E-08	3.12E-08	1.79E-07	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	3.90E-08	1.18E-08	2.73E-08	3.35E-08	4.27E-08	3.07E-07	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.64E-08	2.04E-08	3.74E-08	4.52E-08	5.90E-08	9.05E-07	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	5.83E-08	2.26E-08	4.30E-08	5.56E-08	6.83E-08	1.74E-07	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	8.66E-08	2.66E-08	6.04E-08	7.73E-08	1.01E-07	3.02E-07	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	1.67E-07	3.59E-08	7.41E-08	9.81E-08	1.29E-07	4.27E-06	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	1.80E-07	4.08E-08	1.06E-07	1.34E-07	1.83E-07	3.18E-06	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	2.13E-07	5.81E-08	1.36E-07	1.64E-07	2.18E-07	3.03E-06	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	3.75E-07	9.69E-08	1.75E-07	2.26E-07	2.92E-07	7.56E-06	128
6.31E 00	6.31E 00	7.08E 00	7.94E 00	1.12E-06	9.39E-08	2.49E-07	2.94E-07	3.91E-07	2.30E-05	111
7.94E 00	7.96E 00	8.78E 00	9.94E 00	7.76E-07	1.30E-07	3.27E-07	3.86E-07	5.26E-07	1.03E-05	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	8.98E-07	2.09E-07	3.86E-07	4.81E-07	6.59E-07	8.53E-06	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	1.40E-06	2.71E-07	5.96E-07	8.32E-07	1.83E-06	6.64E-06	36
1.58E 01	1.59E 01	1.77E 01	1.98E 01	3.82E-06	3.43E-07	7.23E-07	1.42E-06	3.91E-06	2.77E-05	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	2.72E-06	5.06E-07	8.98E-07	1.34E-06	3.00E-06	1.51E-05	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	5.46E-06	7.37E-07	2.18E-06	2.69E-06	5.42E-06	2.28E-05	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	4.83E-06	1.23E-06	2.63E-06	3.81E-06	4.60E-06	2.27E-05	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	9.23E-06	3.11E-06	4.85E-06	6.42E-06	1.30E-05	2.21E-05	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	1.09E-05	3.24E-06	5.67E-06	7.86E-06	1.15E-05	3.14E-05	9
6.31E 01	6.47E 01	7.28E 01	7.80E 01	1.42E-05	6.32E-06	6.55E-06	8.43E-06	1.87E-05	3.78E-05	7
7.94E 01	8.07E 01	8.84E 01	9.80E 01	1.07E-05	7.10E-06				1.58E-05	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	1.75E-05	1.28E-05	1.30E-05	1.75E-05	2.20E-05	2.23E-05	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	2.42E-05	1.41E-05	1.66E-05	1.80E-05	3.31E-05	4.08E-05	5

TOTAL N: 3061

TABLE . NEW JERSEY REFLECTIVITY FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	4.71E-09	2.64E-09	3.77E-09	4.42E-09	5.34E-09	8.43E-09	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	6.22E-09	2.78E-09	4.80E-09	5.53E-09	6.92E-09	1.27E-08	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	8.25E-09	3.78E-09	6.25E-09	7.49E-09	9.25E-09	3.66E-08	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	1.07E-08	5.06E-09	7.61E-09	9.57E-09	1.22E-08	2.80E-08	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.59E-08	7.63E-09	1.14E-08	1.40E-08	1.80E-08	3.19E-08	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	1.99E-08	6.35E-09	1.49E-08	1.85E-08	2.27E-08	4.56E-08	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	2.71E-08	1.21E-08	1.90E-08	2.48E-08	3.36E-08	6.18E-08	139
5.01E-01	5.02E-01	5.63E-01	6.30E-01	3.84E-08	1.55E-08	2.67E-08	3.41E-08	4.42E-08	1.89E-07	155
6.31E-01	6.31E-01	7.11E-01	7.94E-01	4.97E-08	1.47E-08	3.60E-08	4.42E-08	5.53E-08	2.18E-07	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	6.76E-08	2.53E-08	4.90E-08	5.85E-08	7.49E-08	5.86E-07	150
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.68E-08	2.87E-08	6.57E-08	8.05E-08	1.02E-07	1.31E-06	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.44E-07	4.94E-08	9.00E-08	1.09E-07	1.62E-07	1.51E-06	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.41E-07	5.47E-08	1.03E-07	1.33E-07	1.63E-07	5.56E-07	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	2.15E-07	6.44E-08	1.45E-07	1.85E-07	2.43E-07	1.16E-06	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	4.40E-07	8.76E-08	1.68E-07	2.35E-07	3.10E-07	1.93E-05	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	4.78E-07	9.47E-08	2.55E-07	3.21E-07	4.40E-07	2.42E-06	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	5.52E-07	1.41E-07	3.27E-07	3.93E-07	5.26E-07	4.62E-06	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	9.50E-07	2.34E-07	4.20E-07	5.45E-07	7.21E-07	1.83E-05	128
6.31E 00	6.31E 00	7.08E 00	7.94E 00	2.50E-06	2.27E-07	5.36E-07	7.04E-07	9.47E-07	4.56E-05	111
7.94E 00	7.96E 00	8.78E 00	9.96E 00	1.93E-06	3.14E-07	7.85E-07	9.25E-07	1.25E-06	1.39E-05	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	2.30E-06	5.06E-07	9.29E-07	1.15E-06	1.64E-06	2.40E-05	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	4.01E-06	6.55E-07	1.43E-06	2.15E-06	5.63E-06	1.47E-05	34
1.58E 01	1.59E 01	1.77E 01	1.98E 01	9.77E-06	8.27E-07	1.73E-06	4.09E-06	1.31E-05	5.85E-05	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	7.31E-06	1.22E-06	2.16E-06	3.22E-06	9.46E-06	3.97E-05	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	1.37E-05	1.77E-06	5.55E-06	7.57E-06	1.85E-05	4.94E-05	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	1.43E-05	2.94E-06	6.95E-06	1.17E-05	1.40E-05	6.63E-05	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	2.79E-05	8.63E-06	1.42E-05	2.08E-05	4.32E-05	5.41E-05	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	3.26E-05	7.92E-06	1.82E-05	2.53E-05	3.28E-05	8.60E-05	4
6.31E 01	6.47E 01	7.28E 01	7.50E 01	4.27E-05	1.53E-05	1.66E-05	2.69E-05	5.53E-05	1.12E-04	7
7.94E 01	8.07E 01	8.84E 01	9.80E 01	3.32E-05	3.08E-05				5.12E-05	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	5.44E-05	4.15E-05	4.19E-05	5.13E-05	6.68E-05	7.34E-05	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	7.08E-05	3.94E-05	4.99E-05	5.15E-05	9.27E-05	1.27E-04	5

TOTAL N: 3061

TABLE . NEW JERSEY REFLECTIVITY FOR 1.[illegible]7 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	[illegible]	[illegible]	[illegible]	[illegible]	3.15E-08	[illegible]	4.66E-08	7.27E-08	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	5.26E-08	2.43E-08	4.02E-08	4.74E-08	5.84E-08	1.14E-07	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	7.16E-08	3.16E-08	5.26E-08	6.27E-08	7.84E-08	4.61E-07	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	9.15E-08	4.24E-08	6.37E-08	8.06E-08	1.11E-07	2.49E-07	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.38E-07	6.38E-08	9.55E-08	1.18E-07	1.63E-07	3.22E-07	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	1.73E-07	5.32E-08	1.24E-07	1.55E-07	2.02E-07	5.00E-07	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	2.43E-07	1.03E-07	1.61E-07	2.10E-07	2.96E-07	1.21E-06	139
5.01E-01	5.02E-01	5.63E-01	6.30E-01	3.61E-07	1.30E-07	2.25E-07	2.92E-07	3.87E-07	3.16E-06	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	4.73E-07	1.23E-07	3.02E-07	3.77E-07	4.94E-07	3.44E-06	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	6.50E-07	2.12E-07	4.13E-07	4.99E-07	6.91E-07	8.35E-06	199
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.42E-07	2.40E-07	5.67E-07	6.57E-07	8.62E-07	1.17E-05	165
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.40E-06	4.13E-07	7.80E-07	9.68E-07	1.39E-06	2.33E-05	165
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.36E-06	4.58E-07	8.52E-07	1.18E-06	1.50E-06	7.37E-06	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	2.20E-06	5.39E-07	1.25E-06	1.69E-06	2.43E-06	1.23E-05	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	3.71E-06	7.28E-07	1.62E-06	2.15E-06	3.13E-06	4.78E-05	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	4.7[illegible]E-06	8.25E-07	2.23E-06	2.96E-06	[illegible]	[illegible]	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	5.45E-06	1.15E-06	2.56E-06	3.59E-06	[illegible]	[illegible]	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	8.19E-06	1.97E-06	3.74E-06	5.06E-06	7.47E-06	4.42E-05	128
6.31E 00	6.31E 00	7.08E 00	7.94E 00	1.37E-05	1.93E-06	5.33E-06	7.00E-06	1.08E-05	1.02E-04	111
7.94E 00	7.96E 00	8.78E 00	9.96E 00	1.52E-05	2.63E-06	7.10E-06	9.45E-06	1.44E-05	1.24E-04	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	1.99E-05	4.24E-06	8.25E-06	1.15E-05	1.46E-05	1.48E-04	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	3.94E-05	5.49E-06	1.13E-05	2.55E-05	6.27E-05	1.29E-04	34
1.58E 01	1.59E 01	1.77E 01	1.98E 01	6.88E-05	6.98E-06	1.71E-05	5.02E-05	1.22E-04	1.78E-04	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	6.09E-05	1.03E-05	2.07E-05	3.76E-05	8.90E-05	2.36E-04	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	1.28E-04	1.53E-05	7.00E-05	1.04E-04	1.35E-04	2.29E-04	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	1.42E-04	2.60E-05	8.79E-05	1.37E-04	1.53E-04	4.07E-04	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	2.58E-04	1.05E-04	1.63E-04	2.24E-04	3.51E-04	4.52E-04	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	2.96E-04	9.7[illegible]E-05	1.89E-04	3.02E-04	3.67E-04	5.29E-04	4
6.31E 01	6.47E 01	7.28E 01	7.50E 01	3.86E-04	2.26E-04	2.43E-04	3.03E-04	4.59E-04	7.75E-04	7
7.94E 01	8.07E 01	8.84E 01	9.80E 01	4.02E-04	2.75E-04				5.69E-04	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	5.42E-04	4.67E-04	4.74E-04	5.18E-04	6.09E-04	6.63E-04	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	6.92E-04	5.12E-04	6.03E-04	6.37E-04	7.63E-04	1.03E-03	5

TOTAL N: 3061

TABLE . . NEW JERSEY REFLECTIVITY FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	1.11E-06	5.29E-07	8.16E-07	9.95E-07	1.30E-06	2.47E-06	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	1.51E-06	5.50E-07	1.03E-06	1.35E-06	1.83E-06	3.76E-06	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	1.99E-06	7.48E-07	1.36E-06	1.76E-06	2.30E-06	9.20E-06	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	2.65E-06	1.02E-06	1.66E-06	2.28E-06	3.40E-06	8.05E-06	63
2.51E-01	2.52E-01	2.92E-01	3.16E-01	4.17E-06	1.56E-06	2.55E-06	3.46E-06	5.29E-06	9.70E-06	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	5.16E-06	1.25E-06	3.44E-06	4.55E-06	6.27E-06	1.33E-05	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	7.06E-06	2.53E-06	4.43E-06	6.33E-06	9.48E-06	1.53E-05	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	9.99E-06	3.25E-06	6.44E-06	9.13E-06	1.26E-05	2.57E-05	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	1.29E-05	2.88E-06	8.99E-06	1.16E-05	1.55E-05	3.57E-05	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	1.72E-05	5.32E-06	1.23E-05	1.55E-05	2.13E-05	4.78E-05	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	2.34E-05	9.78E-06	1.72E-05	2.21E-05	2.82E-05	5.35E-05	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	3.22E-05	4.16E-06	2.41E-05	3.03E-05	3.90E-05	6.71E-05	185
1.58E 00	1.59E 00	1.79E 00	1.99E 00	3.69E-05	1.19E-05	2.70E-05	3.65E-05	4.60E-05	7.67E-05	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	5.29E-05	1.33E-05	3.80E-05	5.15E-05	6.48E-05	9.74E-05	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	6.57E-05	1.52E-05	4.82E-05	6.45E-05	8.36E-05	1.30E-04	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	8.84E-05	2.06E-05	6.79E-05	8.69E-05	1.09E-04	1.72E-04	197
3.98E 00	3.69E 00	4.46E 00	5.01E 00	1.12E-04	3.00E-05	8.93E-05	1.10E-04	1.35E-04	1.65E-04	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	1.45E-04	4.83E-05	1.18E-04	1.45E-04	1.75E-04	2.32E-04	128
6.31E 00	6.31E 00	7.04E 00	7.94E 00	1.92E-04	5.15E-05	1.62E-04	1.99E-04	2.30E-04	4.07E-04	111
7.94E 00	7.96E 00	8.78E 00	9.96E 00	2.44E-04	9.90E-05	2.07E-04	2.56E-04	2.94E-04	4.77E-04	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	3.11E-04	1.20E-04	2.39E-04	3.13E-04	3.79E-04	4.99E-04	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	4.18E-04	1.54E-04	3.63E-04	4.34E-04	5.34E-04	5.77E-04	34
1.58E 01	1.59E 01	1.77E 01	1.98E 01	5.09E-04	2.07E-04	4.22E-04	5.04E-04	6.24E-04	7.60E-04	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	7.07E-04	3.03E-04	5.93E-04	6.73E-04	8.32E-04	9.58E-04	21
2.51E 01	2.57E 01	2.84E 01	3.13E 01	8.90E-04	4.70E-04	7.40E-04	8.60E-04	1.09E-03	1.19E-03	12
3.16E 01	3.26E 01	3.62E 01	3.99E 01	1.15E-03	6.86E-04	1.02E-03	1.23E-03	1.31E-03	1.65E-03	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	1.32E-03	1.05E-03	1.16E-03	1.29E-03	1.44E-03	1.69E-03	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	1.61E-03	1.09E-03	1.31E-03	1.80E-03	1.87E-03	1.87E-03	9
6.31E 01	6.47E 01	7.28E 01	7.80E 01	2.17E-03	1.60E-03	1.96E-03	2.10E-03	2.49E-03	2.61E-03	7
7.94E 01	8.07E 01	8.44E 01	9.40E 01	2.72E-03	2.33E-03				2.99E-03	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	3.10E-33	2.81E-03	2.91E-03	3.07E-03	3.29E-03	3.40E-03	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	4.73E-03	3.33E-03	3.76E-03	5.41E-03	5.48E-03	5.54E-03	5

TOTAL N: 3061

TABLE . . . NEW JERSEY REFLECTIVITY FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	1.22E-05	8.98E-06	1.09E-05	1.22E-05	1.35E-05	1.58E-05	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	1.44E-05	9.21E-06	1.31E-05	1.56E-05	1.65E-05	2.06E-05	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	1.93E-05	2.54E-06	1.77E-05	2.00E-05	2.12E-05	2.65E-05	72
2.00E-01	2.03E-01	2.27E-01	2.51E-01	2.45E-05	1.37E-05	2.16E-05	2.47E-05	2.73E-05	3.30E-05	63
2.51E-01	2.52E-01	2.92E-01	3.16E-01	2.57E-05	1.31E-05	2.69E-05	2.99E-05	3.36E-05	3.91E-05	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	3.74E-05	1.43E-05	3.30E-05	3.82E-05	4.29E-05	5.17E-05	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	4.62E-05	2.09E-05	4.16E-05	4.73E-05	5.25E-05	6.24E-05	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	5.80E-05	1.69E-05	5.12E-05	6.00E-05	6.62E-05	8.06E-05	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	7.12E-05	1.42E-05	6.29E-05	7.45E-05	8.26E-05	1.02E-04	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	9.11E-05	1.29E-05	8.01E-05	9.29E-05	1.07E-04	1.31E-04	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	1.07E-04	2.86E-05	9.19E-05	1.13E-04	1.26E-04	1.56E-04	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.31E-04	2.78E-05	1.05E-04	1.36E-04	1.59E-04	2.11E-04	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.78E-04	5.98E-05	1.54E-04	1.82E-04	2.04E-04	2.67E-04	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	2.09E-04	7.12E-05	1.62E-04	2.16E-04	2.52E-04	3.19E-04	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	2.56E-04	6.73E-05	2.01E-04	2.66E-04	3.14E-04	3.94E-04	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	3.13E-04	3.45E-05	2.47E-04	3.28E-04	3.87E-04	5.13E-04	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	3.86E-04	6.15E-35	3.11E-04	4.14E-04	4.64E-04	5.93E-04	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	4.65E-04	5.20E-05	3.75E-04	4.68E-04	5.77E-04	8.01E-04	128
6.31E 00	6.31E 00	7.08E 00	7.94E 00	5.62E-04	8.35E-05	4.29E-04	5.46E-04	6.65E-04	9.94E-04	111
7.94E 00	7.58E 00	8.78E 00	9.96E 00	6.45E-04	6.73E-05	5.15E-04	6.51E-04	8.15E-04	1.11E-03	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	8.29E-04	1.86E-06	5.78E-04	7.98E-04	1.09E-03	1.47E-03	67
1.26E 01	1.26E 01	1.40E 01	1.47E 01	8.19E-04	1.54E-04	3.83E-04	7.60E-04	1.16E-03	1.79E-03	34
1.58E 01	1.59E 01	1.77E 01	1.98E 01	9.56E-04	1.66E-04	5.51E-04	8.43E-04	1.28E-03	2.26E-03	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	1.26E-03	3.64E-04	7.59E-04	1.17E-03	1.69E-03	2.42E-03	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	1.44E-03	4.56E-04	1.10E-03	1.30E-03	1.44E-03	3.09E-03	12
3.16E 01	3.26E 01	3.62E 01	3.99E 01	1.66E-03	6.29E-04	1.48E-03	1.53E-03	1.81E-03	3.01E-03	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	1.71E-03	9.97E-04	1.17E-03	1.69E-03	2.03E-03	2.87E-03	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	2.13E-03	8.23E-04	1.42E-03	2.21E-03	2.55E-03	2.99E-03	9
6.31E 01	6.47E 01	7.28E 01	7.80E 01	2.83E-03	9.37E-04	2.34E-03	2.98E-03	3.62E-03	3.79E-03	7
7.94E 01	8.07E 01	8.44E 01	9.40E 01	3.83E-33	2.61E-03				5.57E-03	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	4.89E-03	3.46E-03	3.92E-03	4.64E-03	5.86E-03	6.40E-03	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	5.35E-03	4.55E-03	4.64E-03	5.27E-03	5.76E-03	6.89E-03	5

TOTAL N: 3061

TABLE . . NEW JERSEY ATTENUATION FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	5.89E-05	4.38E-05	5.37E-05	5.78E-05	6.31E-05	7.45E-05	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	7.13E-05	5.51E-05	6.57E-05	6.94E-05	7.79E-05	9.47E-05	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	8.74E-05	6.90E-05	7.92E-05	8.67E-05	9.41E-05	1.23E-04	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	1.11E-04	8.22E-05	1.00E-04	1.11E-04	1.20E-04	1.41E-04	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.32E-04	1.05E-04	1.23E-04	1.30E-04	1.41E-04	1.68E-04	85
3.16E-01	3.20E-01	3.59E-01	3.97E-01	1.70E-04	1.31E-04	1.59E-04	1.69E-04	1.81E-04	2.48E-04	97
3.98E-01	3.99E-01	4.49E-01	5.00E-01	2.05E-04	1.60E-04	1.90E-04	2.02E-04	2.21E-04	2.96E-04	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	2.53E-04	2.02E-04	2.33E-04	2.50E-04	2.63E-04	3.56E-04	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	3.23E-04	2.44E-04	2.96E-04	3.15E-04	3.41E-04	5.02E-04	192
7.94E-01	7.46E-01	9.01E-01	1.00E 00	3.57E-04	3.34E-04	3.70E-04	3.96E-04	4.22E-04	6.85E-04	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.84E-04	4.17E-04	4.56E-04	4.85E-04	5.17E-04	6.81E-04	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.99E-04	5.01E-04	5.36E-04	5.87E-04	6.23E-04	9.68E-04	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.62E-04	6.42E-04	7.18E-04	7.55E-04	8.02E-04	1.51E-03	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	9.47E-04	7.82E-04	8.79E-04	9.45E-04	1.00E-03	1.44E-03	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	1.22E-03	9.92E-04	1.13E-03	1.19E-03	1.27E-03	2.27E-03	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	1.51E-03	1.26E-03	1.43E-03	1.50E-03	1.59E-03	3.43E-03	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	1.86E-03	1.55E-03	1.75E-03	1.85E-03	1.95E-03	2.71E-03	152
5.01E 00	5.03E 00	5.67E 00	6.29E 00	2.32E-03	2.02E-03	2.22E-03	2.33E-03	2.45E-03	4.36E-03	129
6.31E 00	6.31E 00	7.06E 00	7.96E 00	3.13E-03	2.68E-03	2.72E-03	2.90E-03	3.07E-03	5.17E-03	111
7.96E 00	7.96E 00	8.78E 00	9.96E 00	3.69E-03	3.14E-03	3.37E-03	3.61E-03	3.79E-03	6.31E-03	94
1.00E 01	1.00E 01	1.11E 01	1.25E 01	4.66E-03	3.92E-03	4.25E-03	4.52E-03	4.86E-03	7.06E-03	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	5.90E-03	4.92E-01	5.41E-03	5.77E-03	6.33E-03	7.35E-03	36
1.58E 01	1.59E 01	1.77E 01	1.99E 01	9.04E-03	6.36E-03	7.13E-03	7.45E-03	8.14E-03	1.42E-02	44
2.00E 01	2.00E 01	2.22E 01	2.51E 01	9.41E-03	7.92E-03	8.46E-03	9.49E-03	9.67E-03	1.29E-02	21
2.51E 01	2.47E 01	2.49E 01	2.51E 01	1.29E-02	1.06E-02	1.23E-02	1.25E-02	1.31E-02	1.40E-02	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	1.54E-02	1.34E-02	1.40E-02	1.56E-02	1.60E-02	2.33E-02	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	2.02E-02	1.73E-02	1.77E-02	1.96E-02	2.29E-02	2.49E-02	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	2.45E-02	2.04E-02	2.23E-02	2.33E-02	2.61E-02	3.33E-02	9
6.31E 01	6.47E 01	7.23E 01	7.40E 01	3.25E-02	2.79E-02	2.95E-02	3.23E-02	3.44E-02	4.06E-02	7
7.94E 01	8.07E 01	8.94E 01	9.49E 01	3.77E-02	3.35E-02				4.26E-02	3
1.00E 02	1.01E 02	1.04E 02	1.11E 02	4.75E-02	4.26E-02	4.40E-02	4.81E-02	5.10E-02	5.14E-02	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	6.18E-02	5.41E-02	5.45E-02	6.14E-02	6.66E-02	6.78E-02	5

TOTAL N: 3061

TABLE . . NEW JERSEY ATTENUATION FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	4.77E-04	3.96E-04	4.31E-04	4.84E-04	5.05E-04	5.44E-04	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	5.87E-04	4.94E-04	5.49E-04	5.83E-04	6.25E-04	7.11E-04	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	7.33E-04	6.28E-04	6.78E-04	7.33E-04	7.61E-04	1.20E-03	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	9.35E-04	8.16E-04	8.83E-04	9.29E-04	9.88E-04	1.13E-03	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.17E-03	9.96E-04	1.10E-03	1.16E-03	1.23E-03	1.42E-03	88
3.16E-01	3.20E-01	3.58E-01	3.97E-01	1.49E-03	1.26E-03	1.40E-03	1.48E-03	1.55E-03	1.84E-03	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	1.86E-03	1.56E-03	1.73E-03	1.85E-03	1.97E-03	2.73E-03	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	2.39E-03	1.97E-03	2.20E-03	2.33E-03	2.52E-03	3.22E-03	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	3.05E-03	2.50E-03	2.77E-03	2.99E-03	3.14E-03	6.55E-03	192
7.94E-01	7.46E-01	9.01E-01	1.00E 00	3.89E-03	3.16E-03	3.49E-03	3.77E-03	4.03E-03	1.39E-02	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	5.02E-03	3.93E-03	4.45E-03	4.79E-03	5.09E-03	2.45E-02	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	6.53E-03	5.03E-03	5.61E-03	6.03E-03	6.54E-03	4.06E-02	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.67E-03	6.35E-03	7.01E-03	7.56E-03	8.07E-03	1.59E-02	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	1.03E-02	7.96E-03	9.03E-03	9.74E-03	1.07E-02	2.64E-02	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	1.47E-02	9.99E-03	1.14E-02	1.23E-02	1.38E-02	9.05E-02	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	1.82E-02	1.26E-02	1.47E-02	1.60E-02	1.80E-02	9.19E-02	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	2.19E-02	1.60E-02	1.82E-02	1.97E-02	2.17E-02	1.11E-01	152
5.01E 00	5.03E 00	5.63E 00	6.29E 00	2.97E-02	2.07E-02	2.35E-02	2.56E-02	2.79E-02	1.56E-01	129
6.31E 00	6.31E 00	7.08E 00	7.94E 00	4.25E-02	2.49E-02	3.01E-02	3.24E-02	3.66E-02	2.02E-01	111
7.94E 00	7.96E 00	8.78E 00	9.96E 00	4.99E-02	3.23E-02	3.73E-02	4.02E-02	4.82E-02	2.24E-01	86
1.00E 01	1.00E 01	1.11E 01	1.25E 01	6.37E-02	4.16E-02	4.79E-02	5.15E-02	5.95E-02	2.49E-01	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	1.00E-01	5.18E-02	6.45E-02	7.55E-02	1.37E-01	2.50E-01	36
1.58E 01	1.59E 01	1.77E 01	1.98E 01	1.58E-01	6.46E-02	7.87E-02	1.19E-01	2.36E-01	3.49E-01	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	1.60E-01	8.02E-02	9.86E-02	1.18E-01	2.02E-01	4.54E-01	21
2.51E 01	2.57E 01	2.98E 01	3.13E 01	2.43E-01	1.15E-01	1.96E-01	2.18E-01	2.98E-01	4.24E-01	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	3.18E-01	1.43E-01	2.23E-01	2.90E-01	3.35E-01	5.25E-01	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	5.21E-01	2.74E-01	3.69E-01	4.69E-01	6.61E-01	8.74E-01	8
5.01E 01	5.03E 01	5.47E 01	6.07E 01	6.10E-01	2.45E-01	4.25E-01	5.90E-01	7.31E-01	1.17E 00	9
6.31E 01	6.47E 01	7.23E 01	7.83E 01	7.99E-01	5.30E-01	5.45E-01	6.29E-01	9.13E-01	1.51E 00	7
7.94E 01	8.07E 01	8.84E 01	9.80E 01	8.21E-01	6.30E-01				1.11E 00	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	1.12E 00	9.79E-01	1.01E 00	1.06E 00	1.24E 00	1.39E 00	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	1.44E 00	1.11E 00	1.27E 00	1.33E 00	1.53E 00	2.09E 00	5

TOTAL N: 3061

TABLE . . NEW JERSEY ATTENUATION FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	8.36E-04	7.02E-04	7.74E-04	8.53E-04	8.81E-04	9.29E-04	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	1.03E-03	8.96E-04	9.49E-04	1.02E-03	1.11E-03	1.29E-03	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	1.30E-03	1.12E-03	1.20E-03	1.29E-03	1.36E-03	2.43E-03	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	1.66E-03	1.43E-03	1.59E-03	1.63E-03	1.73E-03	2.30E-03	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	2.12E-03	1.75E-03	1.94E-03	2.06E-03	2.24E-03	2.82E-03	86
3.16E-01	3.20E-01	3.58E-01	3.97E-01	2.70E-03	[illegible]	2.49E-03	2.66E-03	[illegible]	4.53E-03	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	[illegible]	[illegible]	[illegible]	3.38E-03	[illegible]	6.11E-03	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	4.46E-03	3.52E-03	3.97E-03	4.32E-03	4.69E-03	1.26E-02	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	5.70E-03	4.46E-03	5.02E-03	5.45E-03	5.85E-03	1.53E-02	197
7.94E-01	7.96E-01	9.01E-01	1.00E 00	7.33E-03	5.94E-03	6.40E-03	6.91E-03	7.57E-03	3.14E-02	198
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.57E-03	7.05E-03	8.18E-03	8.90E-03	9.99E-03	4.41E-02	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.36E-02	4.09E-03	1.05E-02	1.13E-02	1.29E-02	6.13E-02	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.44E-02	1.14E-02	1.29E-02	1.41E-02	1.55E-02	3.40E-02	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	2.00E-02	1.42E-02	1.69E-02	1.84E-02	2.13E-02	5.17E-02	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	2.70E-02	1.74E-02	2.13E-02	2.34E-02	[illegible]	[illegible]	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	3.52E-02	2.25E-02	2.74E-02	3.17E-02	3.57E-02	1.23E-01	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	4.26E-02	2.90E-02	3.46E-02	3.72E-02	4.42E-02	1.53E-01	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	5.64E-02	3.76E-02	4.44E-02	4.97E-02	5.77E-02	1.41E-01	124
6.31E 00	6.31E 00	7.08E 00	7.94E 00	7.72E-02	4.50E-02	5.41E-02	6.25E-02	7.51E-02	2.56E-01	111
7.94E 00	7.96E 00	8.75E 00	9.94E 00	9.34E-02	5.42E-02	7.33E-02	8.06E-02	9.95E-02	3.23E-01	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	1.22E-01	7.47E-02	9.29E-02	1.00E-01	1.25E-01	3.47E-01	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	1.96E-01	9.61E-02	1.25E-01	1.60E-01	2.56E-01	4.15E-01	36
1.58E 01	1.59E 01	1.77E 01	1.98E 01	2.46E-01	1.16E-01	1.53E-01	2.50E-01	3.44E-01	5.53E-01	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	2.95E-01	1.65E-01	1.92E-01	2.44E-01	3.74E-01	4.55E-01	21
2.51E 01	2.57E 01	2.84E 01	3.13E 01	4.77E-01	2.12E-01	3.71E-01	4.73E-01	[illegible]	7.31E-01	17
3.16E 01	3.26E 01	3.62E 01	3.44E 01	6.14E-01	2.76E-01	4.83E-01	6.05E-01	6.72E-01	1.09E 00	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	9.77E-01	5.69E-01	7.55E-01	9.19E-01	1.19E 00	1.52E 00	4
5.01E 01	5.03E 01	5.47E 01	6.07E 01	1.14E 00	5.07E-01	9.77E-01	1.26E 00	1.39E 00	1.59E 00	4
6.31E 01	6.47E 01	7.28E 01	7.93E 01	1.50E 00	1.12E 00	1.27E 00	1.24E 00	1.71E 00	2.30E 00	7
7.94E 01	8.07E 01	8.94E 01	9.40E 01	1.73E 00	1.36E 00				2.23E 00	3
1.00E 02	1.01E 02	1.09E 02	1.13E 02	2.17E 00	1.27E 00	2.05E 00	2.13E 00	2.35E 00	2.47E 00	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	2.51E 00	2.43E 00	2.47E 00	2.78E 00	3.01E 00	3.51E 00	5

TOTAL N: 3061

TABLE . . NEW JERSEY ATTENUATION FOR 1.47 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	3.33E-03	2.67E-03	3.04E-03	3.33E-03	3.56E-03	4.20E-03	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	4.20E-03	3.32E-03	3.90E-03	4.04E-03	4.33E-03	6.39E-03	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	5.33E-03	4.20E-03	4.89E-03	5.15E-03	5.54E-03	1.27E-02	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	6.66E-03	5.39E-03	6.13E-03	6.66E-03	[illegible]	1.15E-02	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	9.13E-03	6.79E-03	7.83E-03	8.70E-03	9.84E-03	1.39E-02	84
3.16E-01	3.20E-01	3.59E-01	3.97E-01	1.15E-02	8.66E-03	1.01E-02	1.11E-02	1.22E-02	1.83E-02	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	1.47E-02	1.13E-02	1.29E-02	1.41E-02	1.64E-02	2.44E-02	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	1.96E-02	1.35E-02	1.64E-02	1.84E-02	2.18E-02	3.55E-02	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	2.51E-02	1.77E-02	2.15E-02	2.37E-02	2.71E-02	4.73E-02	192
7.94E-01	7.96E-01	9.01E-01	1.00E 00	3.25E-02	2.15E-02	2.75E-02	3.08E-02	3.63E-02	7.47E-02	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	4.29E-02	2.70E-02	3.63E-02	4.08E-02	4.64E-02	8.36E-02	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	5.59E-02	3.79E-02	4.70E-02	5.23E-02	6.14E-02	1.20E-01	185
1.58E 00	1.59E 00	1.78E 00	1.99E 00	6.61E-02	4.43E-02	5.65E-02	6.54E-02	[illegible]	1.38E-01	227
2.00E 00	2.00E 00	2.25E 00	2.51E 00	8.97E-02	5.94E-02	7.54E-02	8.65E-02	1.01E-01	1.47E-01	244
2.51E 00	2.52E 00	2.84E 00	3.16E 00	1.17E-01	7.10E-02	9.63E-02	1.12E-01	1.32E-01	2.41E-01	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	1.52E-01	9.40E-02	1.26E-01	1.46E-01	1.70E-01	2.90E-01	197
3.98E 00	3.99E 00	4.46E 00	5.01E 00	1.88E-01	1.21E-01	1.60E-01	1.78E-01	2.07E-01	3.94E-01	152
5.01E 00	5.03E 00	5.63E 00	6.28E 00	2.45E-01	1.63E-01	2.02E-01	2.38E-01	2.68E-01	4.55E-01	128
6.31E 00	6.31E 00	7.08E 00	7.94E 00	3.24E-01	1.86E-01	2.76E-01	3.07E-01	3.55E-01	5.43E-01	111
7.94E 00	7.96E 00	8.75E 00	9.94E 00	4.04E-01	2.35E-01	3.57E-01	3.90E-01	4.56E-01	7.27E-01	84
1.00E 01	1.00E 01	1.11E 01	1.25E 01	5.15E-01	3.12E-01	4.34E-01	4.97E-01	5.84E-01	9.19E-01	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	7.30E-01	4.10E-01	6.13E-01	7.11E-01	8.92E-01	1.07E 00	36
1.58E 01	1.59E 01	1.77E 01	1.98E 01	9.79E-01	4.93E-01	7.38E-01	1.01E 00	[illegible]	1.46E 00	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	1.19E 00	7.07E-01	9.27E-01	1.21E 00	1.36E 00	1.76E 00	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	1.64E 00	9.45E-01	1.44E 00	1.70E 00	1.84E 00	2.11E 00	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	2.11E 00	1.34E 00	1.96E 00	2.08E 00	2.25E 00	2.76E 00	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	2.87E 00	2.20E 00	2.54E 00	2.40E 00	3.22E 00	4.60E 00	4
5.01E 01	5.03E 01	5.47E 01	6.07E 01	3.42E 00	2.75E 00	2.95E 00	3.25E 00	3.42E 00	4.12E 00	4
6.31E 01	6.47E 01	7.28E 01	7.93E 01	4.54E 00	3.92E 00	4.12E 00	4.33E 00	4.59E 00	5.39E 00	7
7.94E 01	8.07E 01	8.94E 01	9.40E 01	5.35E 00	4.50E 00				6.39E 00	3
1.00E 02	1.01E 02	1.09E 02	1.13E 02	6.53E 00	6.26E 00	6.29E 00	6.44E 00	6.77E 00	7.70E 00	4
1.26E 02	1.27E 02	1.44E 02	1.55E 02	8.02E 00	7.43E 00	8.52E 00	9.42E 00	9.66E 00	9.70E 00	5

TOTAL N: 3061

TABLE . . NEW JERSEY ATTENUATION FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	2.26E-02	1.78E-02	2.11E-02	2.27E-02	2.48E-02	2.79E-02	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	2.84E-02	2.12E-02	2.61E-02	2.81E-02	2.94E-02	3.77E-02	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	3.68E-02	2.80E-02	3.35E-02	3.55E-02	3.82E-02	5.47E-02	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	4.65E-02	3.62E-02	4.14E-02	4.55E-02	5.09E-02	6.19E-02	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	6.08E-02	4.70E-02	5.27E-02	6.01E-02	6.60E-02	8.20E-02	84
3.16E-01	3.20E-01	3.54E-01	3.97E-01	7.65E-02	5.78E-02	6.93E-02	7.73E-02	8.22E-02	1.00E-01	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	9.76E-02	7.42E-02	8.80E-02	9.60E-02	1.07E-01	1.29E-01	119
5.01E-01	5.02E-01	5.58E-01	6.30E-01	1.27E-01	9.04E-02	1.14E-01	1.27E-01	1.38E-01	1.73E-01	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	1.61E-01	1.14E-01	1.44E-01	1.59E-01	1.76E-01	2.19E-01	192
7.94E-01	7.56E-01	8.01E-01	1.00E 00	2.09E-01	1.45E-01	1.90E-01	2.08E-01	2.23E-01	2.73E-01	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	2.66E-01	1.81E-01	2.44E-01	2.66E-01	2.85E-01	3.52E-01	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	3.40E-01	2.14E-01	3.16E-01	3.37E-01	3.67E-01	4.37E-01	195
1.58E 00	1.59E 00	1.78E 00	1.99E 00	4.22E-01	3.00E-01	3.91E-01	4.19E-01	4.57E-01	5.61E-01	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	5.66E-01	4.22E-01	5.09E-01	5.40E-01	5.95E-01	6.96E-01	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	6.86E-01	5.45E-01	6.39E-01	6.90E-01	7.50E-01	8.76E-01	234
3.16E 00	3.17E 00	3.60E 00	3.98E 00	8.83E-01	5.84E-01	8.24E-01	8.87E-01	9.91E-01	1.11E 00	199
3.98E 00	3.99E 00	4.50E 00	5.01E 00	1.10E 00	8.23E-01	1.03E 00	1.15E 00	1.24E 00	1.43E 00	152
5.01E 00	5.03E 00	5.63E 00	6.30E 00	1.40E 00	9.30E-01	1.29E 00	1.40E 00	1.52E 00	1.65E 00	124
6.31E 00	6.31E 00	7.08E 00	7.96E 00	1.77E 00	1.71E-01	1.67E 00	1.82E 00	1.92E 00	2.11E 00	111
7.94E 00	7.56E 00	8.78E 00	9.96E 00	2.17E 00	1.95E 00	2.06E 00	2.25E 00	2.41E 00	2.86E 00	86
1.00E 01	1.00E 01	1.11E 01	1.25E 01	2.81E 00	2.04E 00	2.66E 00	2.81E 00	2.99E 00	3.44E 00	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	3.48E 00	2.55E 00	3.29E 00	3.59E 00	3.77E 00	4.36E 00	34
1.58E 01	1.59E 01	1.77E 01	1.99E 01	4.28E 00	3.14E 00	3.86E 00	4.29E 00	4.59E 00	5.66E 00	44
2.00E 01	2.04E 01	2.28E 01	2.51E 01	5.70E 00	4.05E 00	5.38E 00	5.80E 00	6.34E 00	6.78E 00	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	7.08E 00	6.16E 00	6.36E 00	6.62E 00	7.96E 00	8.57E 00	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	8.96E 00	6.68E 00	8.36E 00	9.06E 00	9.65E 00	1.05E 01	15
3.98E 01	4.02E 01	4.51E 01	4.95E 01	1.05E 01	8.83E 00	9.81E 00	1.06E 01	1.09E 01	1.22E 01	9
5.01E 01	5.03E 01	5.67E 01	6.07E 01	1.28E 01	1.12E 01	1.17E 01	1.32E 01	1.39E 01	1.42E 01	9
6.31E 01	6.47E 01	7.28E 01	7.80E 01	1.72L 01	1.63L 01	1.65E 01	1.67E 01	1.67E 01	1.95E 01	7
7.94E 01	8.07E 01	9.46E 01	9.80E 01	2.12E 01	2.02E 01				2.29E 01	3
1.00E 02	1.01E 02	1.09E 02	1.18E 02	2.56E 01	2.32E 01	2.41E 01	2.53E 01	2.66E 01	2.79E 01	6
1.26E 02	1.27E 02	1.44E 02	1.55E 02	3.56E 01	2.71E 01	3.16E 01	3.79E 01	3.84E 01	3.97E 01	5

TOTAL N: 3061

TABLE . NEW JERSEY ATTENUATION FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.15E-01	1.25E-01	1.06E-01	7.71E-02	1.02E-01	1.09E-01	1.18E-01	1.35E-01	41
1.26E-01	1.26E-01	1.41E-01	1.58E-01	1.31E-01	1.04E-01	1.23E-01	1.29E-01	1.39E-01	1.57E-01	50
1.58E-01	1.59E-01	1.77E-01	1.99E-01	1.65E-01	1.29E-02	1.53E-01	1.67E-01	1.76E-01	2.06E-01	72
2.00E-01	2.00E-01	2.27E-01	2.51E-01	2.09E-01	1.45E-01	1.96E-01	2.09E-01	2.22E-01	2.45E-01	63
2.51E-01	2.52E-01	2.82E-01	3.16E-01	2.51E-01	1.67E-01	2.40E-01	2.55E-01	2.71E-01	3.11E-01	85
3.16E-01	3.20E-01	3.54E-01	3.97E-01	3.20E-01	1.94E-01	2.66E-01	3.24E-01	3.45E-01	3.90E-01	97
3.98E-01	3.99E-01	4.45E-01	5.00E-01	3.90E-01	2.15E-01	3.43E-01	3.96E-01	4.24E-01	4.91E-01	130
5.01E-01	5.02E-01	5.63E-01	6.30E-01	4.83E-01	1.70E-01	4.41E-01	4.91E-01	5.42E-01	6.12E-01	165
6.31E-01	6.31E-01	7.11E-01	7.94E-01	6.01E-01	3.04E-01	5.49E-01	6.15E-01	6.67E-01	7.76E-01	192
7.94E-01	7.56E-01	9.01E-01	1.00E 00	7.55E-01	2.35E-01	6.86E-01	7.67E-01	8.32E-01	9.73E-01	190
1.00E 00	1.01E 00	1.13E 00	1.25E 00	9.05E-01	3.57E-01	8.10E-01	9.19E-01	1.01E 00	1.24E 00	185
1.26E 00	1.26E 00	1.41E 00	1.58E 00	1.10E 00	3.70E-01	9.66E-01	1.11E 00	1.24E 00	1.55E 00	195
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.45E 00	8.23E-01	1.32E 00	1.46E 00	1.69E 00	1.93E 00	220
2.00E 00	2.00E 00	2.25E 00	2.51E 00	1.74E 00	8.62E-01	1.58E 00	1.78E 00	1.99E 00	2.41E 00	249
2.51E 00	2.52E 00	2.84E 00	3.16E 00	2.16E 00	7.13E-01	1.84E 00	2.01E 00	2.47E 00	3.05E 00	233
3.16E 00	3.17E 00	3.60E 00	3.98E 00	2.65E 00	6.98E-01	2.30E 00	2.77E 00	3.04E 00	3.90E 00	197
3.98E 00	3.99E 00	4.50E 00	5.01E 00	3.26E 00	1.05E 00	2.93E 00	3.39E 00	3.72E 00	4.64E 00	152
5.01E 00	5.03E 00	5.63E 00	6.29E 00	4.02E 00	1.10E 00	3.56E 00	4.03E 00	4.63E 00	5.49E 00	124
6.31E 00	6.31E 00	7.08E 00	7.96E 00	4.76E 00	1.33E 00	4.31E 00	4.82E 00	5.47E 00	7.69E 00	111
7.94E 00	7.56E 00	8.78E 00	9.96E 00	5.64E 00	1.55E 00	5.17E 00	6.00E 00	6.67E 00	7.61E 00	86
1.00E 01	1.00E 01	1.11E 01	1.25E 01	7.63E 00	2.98E 00	6.34E 00	7.25E 00	8.49E 00	1.16E 01	67
1.26E 01	1.26E 01	1.40E 01	1.57E 01	8.08E 00	3.20E 00	6.87E 00	8.20E 00	9.59E 00	1.49E 01	34
1.58E 01	1.59E 01	1.77E 01	1.98E 01	9.47E 00	3.33E 00	6.80E 00	8.95E 00	1.17E 01	1.77E 01	44
2.00E 01	2.04E 01	2.22E 01	2.51E 01	1.26E 01	6.04E 00	9.76E 00	1.26E 01	1.64E 01	2.17E 01	21
2.51E 01	2.57E 01	2.88E 01	3.13E 01	1.49E 01	7.67E 00	1.20E 01	1.39E 01	1.65E 01	2.60E 01	12
3.16E 01	3.26E 01	3.62E 01	3.89E 01	1.79E 01	9.24E 00	1.61E 01	1.76E 01	1.91E 01	2.47E 01	15
3.98E 01	4.02E 01	4.51E 01	4.95L 01	1.91E 01	1.37E 01	1.96E 01	1.91E 01	2.26E 01	2.63E 01	9
5.01E 01	5.03E 01	5.67E 01	6.07E 01	2.29E 01	1.67E 01	2.19E 01	2.44E 01	2.77E 01	2.84E 01	9
6.31E 01	6.47E 01	7.28E 01	7.80E 01	3.21E 01	1.91E 01	2.83E 01	3.44E 01	3.69E 01	4.12E 01	7
7.94E 01	8.07E 01	8.84E 01	9.80E 01	4.12E 01	3.32E 01				5.15E 01	3
1.00E 02	1.01E 02	1.08E 02	1.18E 02	5.11E 01	4.30E 01	4.43E 01	4.86E 01	5.79E 01	6.41E 01	6
1.26E 02	1.27E 02	1.44E 02	1.55E 02	6.23E 01	5.41E 01	6.00E 01	6.43E 01	6.49E 01	6.65E 01	5

TOTAL N: 3061

TABLE . NEW JERSEY RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-11	1.10E-11	1.18E-11	1.24E-11	6.10E-02	5.41E-02				7.24E-02	3
1.26E-11	1.31E-11	1.36E-11	1.47E-11	5.83E-02	5.32E-02	5.62E-02	5.76E-02	5.94E-02	6.50E-02	7
[illegible]	1.64E-11	1.76E-11	1.94E-11	6.77E-02	5.40E-02	5.93E-02	7.12E-02	7.46E-02	7.95E-02	11
[illegible]	2.00E-11	2.26E-11	2.47E-11	6.14E-02	5.12E-02	5.61E-02	6.38E-02	6.54E-02	6.81E-02	6
[illegible]	2.57E-11	2.85E-11	3.12E-11	8.54E-02	5.43E-02	7.15E-02	8.27E-02	[illegible]	1.54E-01	24
[illegible]	[illegible]	[illegible]	[illegible]	1.02E-01	5.50E-02	8.88E-02	9.62E-02	[illegible]	1.50E-01	26
[illegible]	4.02E-11	[illegible]	5.01E-11	1.23E-01	7.18E-02	1.19E-01	1.19E-01	[illegible]	1.75E-01	26
[illegible]	5.02E-11	5.64E-11	6.24E-11	1.38E-01	6.50E-02	1.15E-01	1.34E-01	1.63E-01	2.31E-01	39
[illegible]	6.33E-11	7.07E-11	7.90E-11	1.72E-01	4.92E-02	1.34E-01	1.75E-01	2.00E-01	3.51E-01	57
7.94E-11	7.96E-11	8.93E-11	1.00E-10	1.99E-01	1.04E-01	1.62E-01	1.85E-01	2.39E-01	3.35E-01	58
1.00E-10	1.01E-10	1.11E-10	1.25E-10	2.36E-01	1.31E-01	1.85E-01	2.35E-01	[illegible]	3.91E-01	63
1.26E-10	1.26E-10	1.42E-10	1.58E-10	2.99E-01	1.55E-01	2.37E-01	2.82E-01	3.31E-01	7.50E-01	63
1.58E-10	1.59E-10	1.79E-10	1.99E-10	3.76E-01	1.93E-01	3.06E-01	3.74E-01	4.27E-01	6.97E-01	74
[illegible]	2.00E-10	[illegible]	2.51E-10	4.09E-01	2.40E-01	3.42E-01	3.92E-01	4.64E-01	7.19E-01	85
[illegible]	[illegible]	[illegible]	3.14E-10	5.28E-01	2.55E-01	4.27E-01	5.09E-01	6.19E-01	1.16E 00	99
[illegible]	[illegible]	[illegible]	[illegible]	5.78E-01	2.51E-01	4.65E-01	5.66E-01	[illegible]	1.09E 00	116
3.98E-10	3.99E-10	4.47E-10	5.01E-10	6.73E-01	1.92E-01	5.50E-01	6.66E-01	7.73E-01	1.22E 00	144
[illegible]	[illegible]	[illegible]	6.31E-10	8.14E-01	3.36E-01	6.74E-01	8.15E-01	9.46E-01	1.64E 00	132
[illegible]	[illegible]	[illegible]	[illegible]	9.90E-01	[illegible]	7.44E-01	9.75E-01	1.14E 00	2.41E 00	147
[illegible]	[illegible]	[illegible]	[illegible]	1.12E 00	[illegible]	9.62E-01	1.16E 00	1.33E 00	3.75E 00	157
[illegible]	[illegible]	[illegible]	[illegible]	1.44E 00	5.10E-01	1.18E 00	1.44E 00	1.69E 00	4.57E 00	159
[illegible]	[illegible]	[illegible]	[illegible]	1.90E 00	6.66E-01	1.35E 00	1.75E 00	2.22E 00	4.55E 00	177
[illegible]	[illegible]	[illegible]	[illegible]	2.07E 00	7.23E-01	1.67E 00	1.99E 00	2.45E 00	4.33E 00	206
[illegible]	[illegible]	[illegible]	[illegible]	2.64E 00	5.75E-01	2.10E 00	2.61E 00	2.96E 00	4.58E 00	174
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.10E 00	[illegible]	2.84E 00	3.54E 00	6.36E 00	172
[illegible]	[illegible]	[illegible]	[illegible]	3.43E 00	1.32E 00	2.75E 00	3.62E 00	4.31E 00	8.51E 00	156
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.38E 00	3.05E 00	3.97E 00	4.73E 00	7.82E 00	123
[illegible]	[illegible]	[illegible]	[illegible]	5.05E 00	4.90E-01	3.60E 00	5.01E 00	6.07E 00	1.13E 01	111
[illegible]	[illegible]	[illegible]	[illegible]	5.74E 00	2.40E 00	4.25E 00	5.64E 00	7.07E 00	1.43E 01	108
7.94E-09	[illegible]	[illegible]	[illegible]	7.17E 00	1.17E 00	5.23E 00	7.12E 00	8.96E 00	1.60E 01	91
[illegible]	[illegible]	[illegible]	[illegible]	9.17E 00	2.61E 00	6.12E 00	9.07E 00	9.75E 00	1.90E 01	63
[illegible]	[illegible]	[illegible]	1.58E-08	9.93E 00	2.99E 00	7.49E 00	9.64E 00	1.13E 01	2.23E 01	44
[illegible]	[illegible]	[illegible]	[illegible]	1.06E 01	1.56E 00	8.11E 00	1.05E 01	1.30E 01	2.80E 01	39
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.60E 00	[illegible]	1.06E 01	1.50E 01	2.34E 01	30
[illegible]	[illegible]	[illegible]	3.15E-08	1.37E 01	2.44E 00	1.16E 01	1.32E 01	1.46E 01	2.30E 01	19
[illegible]	3.19E-08	[illegible]	3.94E-08	1.49E 01	2.68E 00	8.22E 00	1.62E 01	2.17E 01	3.33E 01	15
[illegible]	4.00E-08	4.45E-08	5.03E-08	1.29E 01	2.45E 00	7.40E 00	1.36E 01	1.71E 01	2.51E 01	12
[illegible]	5.04E-08	5.64E-08	6.25E-08	1.67E 01	7.63E 00	1.03E 01	1.54E 01	1.97E 01	3.35E 01	15
[illegible]	6.37E-08	7.14E-08	7.73E-08	1.99E 01	5.12E 00	1.61E 01	1.85E 01	2.45E 01	3.55E 01	16
[illegible]	7.57E-08	8.88E-08	9.42E-08	2.06E 01	5.73E 00	9.23E 00	1.65E 01	2.26E 01	5.11E 01	23
1.00E-07	1.02E-07	1.12E-07	[illegible]	2.41E 01	4.57E 00	1.73E 01	2.03E 01	3.58E 01	3.74E 01	14
1.26E-07	1.29E-07	1.43E-07	1.53E-07	3.58E 01	6.59E 00	2.59E 01	3.99E 01	4.95E 01	5.57E 01	17
1.58E-07	1.61E-07	[illegible]	[illegible]	5.46E 01	1.63E 01	4.07E 01	5.23E 01	7.27E 01	7.80E 01	7
[illegible]	2.02E-07	2.18E-07	2.41E-07	4.54E 01	6.26E 00	2.21E 01	5.15E 01	6.11E 01	[illegible]	4
[illegible]	2.67E-07	2.75E-07	2.49E-07	4.29E 01	1.94E 01				8.07E 01	1
[illegible]	3.31E-07	3.45E-07	3.63E-07	6.67E 01	[illegible]	4.79E 01	6.43E 01	8.69E 01	1.19E 02	3
3.98E-07	4.02E-07	4.51E-07	4.92E-07	1.14E 02	6.07E 01	9.55E 01	1.14E 02	1.44E 02	1.55E 02	7
5.01E-07	[illegible]	5.75E-07	6.14E-07	1.02E 02	7.75E 01				1.37E 02	2
6.31E-07	[illegible]	7.84E-07	7.94E-07	1.45E 02	1.45E 02				1.45E 02	1

TOTAL N: 3135

TABLE ... NEW JERSEY RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
3.48E-10	4.26E-10	4.56E-10	4.79E-10	6.10E-02	5.41E-02				7.24E-02	3
5.01E-10	5.07E-10	5.26E-10	5.68E-10	5.83E-02	5.41E-02	5.62E-02	5.76E-02	5.94E-02	6.50E-02	7
6.31E-10	6.35E-10	6.91E-10	7.71E-10	6.71E-02	5.40E-02	5.96E-02	6.81E-02	7.40E-02	7.85E-02	13
7.94E-10	8.79E-10	9.81E-10	1.00E-09	6.77E-02	5.12E-02	5.61E-02	6.47E-02	8.06E-02	8.49E-02	6
1.00E-09	1.01E-09	1.13E-09	1.25E-09	8.61E-02	5.58E-02	7.08E-02	8.14E-02	9.68E-02	1.36E-01	26
1.26E-09	1.26E-09	1.37E-09	1.57E-09	1.06E-01	7.59E-02	9.21E-02	1.01E-01	1.23E-01	1.68E-01	23
1.58E-09	1.60E-09	1.80E-09	1.98E-09	1.29E-01	7.18E-02	1.11E-01	1.22E-01	1.47E-01	1.98E-01	40
2.00E-09	2.02E-09	2.23E-09	2.50E-09	1.39E-01	6.50E-02	1.14E-01	1.36E-01	1.61E-01	2.31E-01	62
2.51E-09	2.52E-09	2.83E-09	3.15E-09	1.78E-01	9.73E-02	1.40E-01	1.61E-01	2.03E-01	2.51E-01	54
3.16E-09	3.17E-09	3.58E-09	3.98E-09	2.07E-01	1.04E-01	1.66E-01	1.99E-01	2.41E-01	3.35E-01	55
3.98E-09	4.00E-09	4.49E-09	4.99E-09	2.52E-01	1.31E-01	2.04E-01	2.55E-01	2.96E-01	3.91E-01	44
5.01E-09	5.05E-09	5.67E-09	6.30E-09	3.14E-01	1.69E-01	2.49E-01	2.96E-01	3.69E-01	7.56E-01	64
6.31E-09	6.31E-09	7.16E-09	7.96E-09	3.77E-01	2.02E-01	3.08E-01	3.73E-01	4.7 E-01	6.97E-01	83
7.94E-09	7.99E-09	9.00E-09	1.00E-08	4.48E-01	2.45E-01	3.65E-01	4.31E-01	5 -01	7.19E-01	83
1.00E-08	1.01E-08	1.13E-08	1.26E-08	5.31E-01	2.81E-01	4.10E-01	5.10E-01	6. -01	1.10E 00	96
1.26E-08	1.26E-08	1.42E-08	1.58E-08	5.85E-01	1.92E-01	4.67E-01	5.93E-01	6.97E-01	1.08E 00	129
1.58E-08	1.59E-08	1.78E-08	1.98E-08	7.04E-01	3.16E-01	5.75E-01	6.92E-01	8.31E-01	1.72E 00	134
2.00E-08	2.00E-08	2.23E-08	2.50E-08	8.56E-01	4.20E-01	6.95E-01	8.44E-01	9.69E-01	1.66E 00	150
2.51E-08	2.51E-08	2.82E-08	3.16E-08	1.03E 00	4.23E-01	8.28E-01	1.01E 00	1.15E 00	2.43E 00	119
3.16E-08	3.17E-08	3.55E-08	3.98E-08	1.26E 00	6.12E-01	1.01E 00	1.22E 00	1.43E 00	3.35E 00	159
3.98E-08	3.99E-08	4.48E-08	5.01E-08	1.55E 00	6.70E-01	1.25E 00	1.48E 00	1.81E 00	3.57E 00	176
5.01E-08	5.03E-08	5.65E-08	6.30E-08	1.88E 00	6.97E-01	1.45E 00	1.79E 00	2.32E 00	4.30E 00	194
6.31E-08	6.31E-08	7.09E-08	7.93E-08	2.16E 00	5.05E-01	1.77E 00	2.07E 00	2.59E 00	4.75E 00	165
7.94E-08	7.99E-08	8.94E-08	9.95E-08	2.62E 00	7.83E-01	2.11E 00	2.51E 00	3.04E 00	5.59E 00	172
1.00E-07	1.00E-07	1.11E-07	1.25E-07	3.02E 00	1.32E 00	2.35E 00	2.89E 00	3.61E 00	5.33E 00	171
1.26E-07	1.26E-07	1.42E-07	1.58E-07	3.85E 00	1.33E 00	3.08E 00	3.74E 00	4.64E 00	8.51E 00	179
1.58E-07	1.59E-07	1.78E-07	1.99E-07	4.29E 00	9.99E-01	3.25E 00	4.39E 00	5.02E 00	7.82E 00	101
2.00E-07	2.00E-07	2.24E-07	2.51E-07	5.49E 00	2.40E 00	4.05E 00	5.13E 00	6.41E 00	1.25E 01	117
2.51E-07	2.52E-07	2.82E-07	3.13E-07	6.12E 00	1.17E 00	4.41E 00	6.07E 00	7.35E 00	1.53E 01	104
3.16E-07	3.18E-07	3.55E-07	3.94E-07	8.00E 00	2.61E 00	6.11E 00	8.07E 00	9.10E 00	1.63E 01	83
3.98E-07	4.02E-07	4.44E-07	4.96E-07	8.86E 00	3.61E 00	6.56E 00	8.84E 00	1.05E 01	1.90E 01	57
5.01E-07	5.06E-07	5.67E-07	6.27E-07	1.03E 01	2.99E 00	8.09E 00	9.84E 00	1.19E 01	2.29E 01	42
6.31E-07	6.39E-07	7.09E-07	7.84E-07	1.20E 01	3.31E 00	9.16E 00	1.11E 01	1.35E 01	2.43E 01	34
7.94E-07	8.01E-07	9.02E-07	9.66E-07	1.42E 01	1.58E 00	1.12E 01	1.39E 01	1.94E 01	2.46E 01	21
1.00E-06	1.01E-06	1.15E-06	1.24E-06	1.52E 01	3.05E 00	1.24E 01	1.60E 01	2.02E 01	2.43E 01	15
1.26E-06	1.29E-06	1.40E-06	1.48E-06	1.68E 01	2.60E 00	1.08E 01	1.65E 01	1.91E 01	2.41E 01	12
1.58E-06	1.75E-06	1.45E-06	1.95E-06	1.87E 01	6.43E 00	1.16E 01	1.57E 01	2.34E 01	4.44E 01	11
2.00E-06	2.02E-06	2.32E-06	2.51E-06	1.95E 01	2.99E 00	1.15E 01	1.95E 01	2.71E 01	4.69E 01	7
2.51E-06	2.54E-06	2.83E-06	3.15E-06	2.28E 01	2.69E 00	1.20E 01	2.30E 01	3.19E 01	4.33E 01	13
3.16E-06	3.17E-06	3.57E-06	3.99E-06	2.15E 01	3.91E 00	1.36E 01	1.71E 01	3.12E 01	5.11E 01	17
3.98E-06	3.99E-06	4.49E-06	4.98E-06	2.40E 01	2.45E 00	1.62E 01	1.96E 01	3.72E 01	4.95E 01	14
5.01E-06	5.18E-06	5.73E-06	6.15E-06	3.19E 01	5.12E 00	1.45E 01	3.51E 01	4.73E 01	5.57E 01	4
6.31E-06	6.31E-06	6.95E-06	7.86E-06	3.72E 01	5.73E 00	1.08E 01	3.01E 01	4.39E 01	5.63E 01	15
7.94E-06	8.20E-06	8.70E-06	9.70E-06	3.52E 01	6.70E 00	1.10E 01	1.70E 01	6.11E 01	8.37E 01	9
1.00E-05	1.00E-05	1.02E-05	1.03E-05	1.57E 01	6.62E 00	7.27E 00	7.97E 00	2.45E 01	4.02E 01	4
1.26E-05	1.28E-05	1.43E-05	1.58E-05	6.76E 01	6.63E 00	7.18E 01	7.29E 01	1.05E 02	1.05E 02	2
1.58E-05	1.60E-05	1.74E-05	1.97E-05	4.49E 01	1.63E 01	4.11E 01	5.49E 01	1.50E 02	1.50E 02	3
2.00E-05	2.05E-05	2.20E-05	2.30E-05	5.30E 01	6.96E 00	2.62E 01	4.10E 01	8.64E 01	1.13E 02	4
2.51E-05	2.77E-05	2.96E-05	3.14E-05	6.90E 01	1.94E 01				1.27E 02	3
3.16E-05	3.17E-05	3.17E-05	3.17E-05	7.75E 01	7.75E 01				7.75E 01	1
3.98E-05	4.04E-05	4.04E-05	4.05E-05	1.05E 02	1.05E 02				1.05E 02	1

TOTAL N: 4135

TABLE .. NEW JERSEY RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-09	1.03E-09	1.17E-09	1.25E-09	5.89E-02	5.32E-02	5.41E-02	5.70E-02	5.95E-02	7.24E-02	6
1.26E-09	1.27E-09	1.42E-09	1.55E-09	6.14E-02	5.40E-02	5.66E-02	5.92E-02	6.65E-02	7.23E-02	8
1.59E-09	1.63E-09	1.73E-09	1.87E-09	6.88E-02	5.81E-02	6.17E-02	7.12E-02	7.50E-02	7.85E-02	9
2.00E-09	2.11E-09	2.30E-09	2.45E-09	7.28E-02	5.12E-02	6.07E-02	7.63E-02	8.53E-02	9.07E-02	8
2.51E-09	2.64E-09	2.84E-09	3.15E-09	8.98E-02	5.58E-02	7.33E-02	9.12E-02	9.92E-02	1.35E-01	32
3.16E-09	3.18E-09	3.56E-09	3.95E-09	1.14E-01	7.59E-02	9.64E-02	1.12E-01	1.25E-01	1.68E-01	20
3.98E-09	4.65E-09	4.56E-09	5.01E-09	1.22E-01	6.50E-02	1.02E-01	1.20E-01	1.41E-01	1.98E-01	32
5.01E-09	5.05E-09	5.65E-09	6.30E-09	1.53E-01	7.85E-02	1.24E-01	1.51E-01	1.85E-01	2.31E-01	46
6.31E-09	6.35E-09	7.07E-09	7.92E-09	1.79E-01	9.73E-02	1.40E-01	1.76E-01	2.07E-01	3.51E-01	53
7.94E-09	7.95E-09	8.96E-09	1.00E-08	2.11E-01	1.06E-01	1.64E-01	1.95E-01	2.52E-01	3.91E-01	62
1.00E-08	1.01E-08	1.13E-08	1.25E-08	2.67E-01	1.64E-01	2.23E-01	2.64E-01	2.99E-01	4.22E-01	43
1.26E-08	1.26E-08	1.42E-08	1.58E-08	3.17E-01	1.55E-01	2.50E-01	2.98E-01	3.71E-01	7.56E-01	75
1.58E-08	1.59E-08	1.80E-08	1.97E-08	3.93E-01	2.02E-01	3.25E-01	3.84E-01	4.36E-01	6.97E-01	85
2.00E-08	2.00E-08	2.27E-08	2.51E-08	4.62E-01	2.55E-01	3.89E-01	4.42E-01	5.30E-01	7.80E-01	91
2.51E-08	2.52E-08	2.83E-08	3.15E-08	5.46E-01	2.31E-01	4.41E-01	5.12E-01	6.21E-01	1.16E 00	101
3.16E-08	3.17E-08	3.50E-08	3.98E-08	6.12E-01	1.92E-01	4.95E-01	6.14E-01	7.04E-01	1.08E 00	135
3.98E-08	3.99E-08	4.49E-08	5.01E-08	7.33E-01	3.36E-01	6.08E-01	7.33E-01	8.47E-01	1.40E 00	136
5.01E-08	5.02E-08	5.60E-08	6.30E-08	8.77E-01	4.20E-01	7.20E-01	8.61E-01	9.86E-01	1.75E 00	143
6.31E-08	6.31E-08	7.11E-08	7.94E-08	1.10E 00	5.77E-01	8.98E-01	1.05E 00	1.22E 00	2.44E 00	145
7.94E-08	7.95E-08	8.96E-08	1.00E-07	1.34E 00	6.12E-01	1.03E 00	1.26E 00	1.58E 00	3.47E 00	164
1.00E-07	1.01E-07	1.12E-07	1.25E-07	1.58E 00	6.46E-01	1.28E 00	1.52E 00	1.84E 00	3.10E 00	162
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.93E 00	6.97E-01	1.53E 00	1.87E 00	2.26E 00	4.56E 00	199
1.59E-07	1.59E-07	1.78E-07	1.99E-07	2.22E 00	5.05E-01	1.80E 00	2.16E 00	2.64E 00	4.75E 00	174
2.00E-07	2.00E-07	2.24E-07	2.51E-07	2.69E 00	7.83E-01	2.19E 00	2.65E 00	3.10E 00	6.59E 00	185
2.51E-07	2.52E-07	2.81E-07	3.16E-07	3.16E 00	1.32E 00	2.50E 00	3.07E 00	3.71E 00	5.36E 00	166
3.16E-07	3.17E-07	3.54E-07	3.98E-07	4.01E 00	1.44E 00	3.23E 00	3.97E 00	4.66E 00	8.51E 00	152
3.98E-07	3.99E-07	4.47E-07	5.01E-07	4.43E 00	1.38E 00	3.60E 00	4.56E 00	5.19E 00	7.42E 00	97
5.01E-07	5.02E-07	5.59E-07	6.25E-07	5.61E 00	9.90E-01	4.15E 00	5.68E 00	6.67E 00	1.25E 01	120
6.31E-07	6.32E-07	7.09E-07	7.94E-07	6.72E 00	2.53E 00	4.89E 00	6.65E 00	7.60E 00	1.50E 01	91
7.94E-07	7.96E-07	8.85E-07	9.94E-07	7.95E 00	2.05E 00	6.70E 00	8.03E 00	9.30E 00	1.60E 01	79
1.00E-06	1.00E-06	1.11E-06	1.25E-06	8.59E 00	2.47E 00	6.49E 00	9.01E 00	1.05E 01	2.29E 01	56
1.26E-06	1.26E-06	1.40E-06	1.58E-06	9.79E 00	1.17E 00	7.32E 00	1.00E 01	1.14E 01	1.41E 01	43
1.59E-06	1.59E-06	1.77E-06	1.99E-06	1.30E 01	3.49E 00	9.22E 00	1.19E 01	1.68E 01	2.49E 01	26
2.00E-06	2.02E-06	2.24E-06	2.45E-06	1.39E 01	2.88E 00	9.13E 00	1.30E 01	1.89E 01	2.40E 01	25
2.51E-06	2.55E-06	2.85E-06	3.26E-06	1.48E 01	3.31E 00	7.73E 00	1.69E 01	1.99E 01	3.33E 01	12
3.16E-06	3.21E-06	3.56E-06	3.95E-06	1.40E 01	1.55E 00	6.16E 00	1.69E 01	1.99E 01	2.41E 01	11
3.98E-06	4.67E-06	4.41E-06	4.95E-06	1.36E 01	2.60E 00	4.11E 00	8.26E 00	2.06E 01	3.23E 01	12
5.01E-06	5.12E-06	5.69E-06	6.23E-06	1.68E 01	3.31E 00	1.52E 01	1.83E 01	2.22E 01	3.65E 01	7
6.31E-06	6.34E-06	7.03E-06	7.92E-06	2.09E 01	2.99E 00	1.08E 01	1.85E 01	2.11E 01	5.11E 01	16
7.94E-06	8.08E-06	8.69E-06	9.73E-06	1.81E 01	2.68E 00	6.79E 00	1.34E 01	2.84E 01	4.30E 01	12
1.00E-05	1.01E-05	1.13E-05	1.24E-05	1.95E 01	2.85E 00	1.27E 01	1.72E 01	2.89E 01	3.61E 01	15
1.26E-05	1.26E-05	1.41E-05	1.56E-05	2.09E 01	5.12E 00	1.22E 01	1.68E 01	2.99E 01	4.95E 01	15
1.58E-05	1.59E-05	1.74E-05	1.96E-05	1.59E 01	5.73E 00	1.15E 01	1.50E 01	2.40E 01	7.80E 01	16
2.00E-05	2.04E-05	2.21E-05	2.45E-05	2.30E 01	6.62E 00	8.01E 00	1.38E 01	2.93E 01	8.66E 01	17
2.51E-05	2.53E-05	2.80E-05	3.15E-05	1.58E 01	6.79E 00	2.40E 01	2.15E 01	2.11E 01	6.37E 01	9
3.16E-05	3.21E-05	3.56E-05	3.97E-05	5.61E 01	1.63E 01	1.96E 01	3.15E 01	5.26E 01	1.49E 02	4
3.98E-05	4.15E-05	4.50E-05	4.94E-05	5.79E 01	6.95E 00	1.98E 01	5.07E 01	1.01E 02	1.18E 02	6
5.01E-05	5.12E-05	5.62E-05	6.03E-05	8.28E 01	1.94E 01	4.47E 01	7.18E 01	1.13E 02	1.55E 02	9
6.31E-05	6.63E-05	6.59E-05	7.14E-05	7.68E 01	3.55E 01				1.14E 02	2
7.94E-05	8.13E-05	8.32E-05	8.63E-05	9.36E 01	9.07E 01				1.27E 02	2
1.00E-04	1.12E-04	1.12E-04	1.12E-04	7.75E 01	7.75E 01				7.75E 01	1
1.26E-04	1.27E-04	1.27E-04	1.27E-04	1.45E 02	1.45E 02				1.45E 02	1

TOTAL N: 3135

TABLE ---- NEW JERSEY ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-11	1.10E-11	1.18E-11	1.24E-11	4.26E-05	3.68E-05				5.43E-05	3
1.26E-11	1.31E-11	1.36E-11	1.47E-11	3.72E-05	3.31E-05	3.37E-05	3.64E-05	3.90E-05	4.41E-05	7
1.58E-11	1.69E-11	1.76E-11	1.94E-11	4.10E-05	3.00E-05	3.31E-05	4.38E-05	4.65E-05	5.14E-05	11
2.00E-11	2.00E-11	2.24E-11	2.47E-11	3.27E-05	2.57E-05	2.91E-05	3.40E-05	3.61E-05	3.73E-05	6
2.51E-11	2.57E-11	2.86E-11	3.12E-11	4.67E-05	3.16E-05	3.70E-05	4.70E-05	5.17E-05	5.78E-05	24
3.16E-11	3.20E-11	3.47E-11	3.93E-11	5.61E-05	2.64E-05	4.32E-05	5.16E-05	6.95E-05	7.47E-05	29
3.98E-11	4.02E-11	4.56E-11	5.01E-11	6.62E-05	3.33E-05	5.57E-05	6.49E-05	7.75E-05	1.04E-04	28
5.01E-11	5.02E-11	5.64E-11	6.28E-11	7.25E-05	2.91E-05	5.75E-05	6.72E-05	8.59E-05	1.41E-04	34
6.31E-11	6.33E-11	7.07E-11	7.90E-11	9.00E-05	4.91E-05	6.58E-05	8.83E-05	1.07E-04	2.48E-04	52
7.94E-11	7.96E-11	8.90E-11	1.00E-10	1.00E-04	4.38E-05	7.43E-05	9.19E-05	1.26E-04	1.94E-04	58
1.00E-10	1.01E-10	1.11E-10	1.25E-10	1.18E-04	5.59E-05	8.59E-05	1.12E-04	1.62E-04	2.30E-04	48
1.26E-10	1.26E-10	1.42E-10	1.58E-10	1.48E-04	6.63E-05	1.03E-04	1.33E-04	1.88E-04	5.02E-04	63
1.58E-10	1.99E-10	1.79E-10	1.99E-10	1.85E-04	8.22E-05	1.38E-04	1.79E-04	2.07E-04	4.35E-04	79
2.00E-10	2.00E-10	2.23E-10	2.51E-10	1.96E-04	9.96E-05	1.56E-04	1.86E-04	2.24E-04	4.01E-04	85
2.51E-10	2.55E-10	2.81E-10	3.14E-10	2.52E-04	1.07E-04	1.93E-04	2.34E-04	2.99E-04	6.81E-04	99
3.16E-10	3.18E-10	3.59E-10	3.98E-10	2.67E-04	9.31E-05	2.01E-04	2.59E-04	3.10E-04	5.78E-04	116
3.98E-10	4.99E-10	4.47E-10	5.00E-10	3.04E-04	7.67E-05	2.42E-04	2.97E-04	3.56E-04	6.49E-04	144
5.01E-10	5.02E-10	5.62E-10	6.30E-10	3.63E-04	1.34E-04	2.97E-04	3.60E-04	4.21E-04	8.57E-04	132
6.31E-10	6.33E-10	7.07E-10	7.94E-10	4.42E-04	1.70E-04	3.36E-04	4.21E-04	5.21E-04	1.44E-03	147
7.94E-10	7.97E-10	9.00E-10	1.00E-09	5.40E-04	1.70E-04	4.12E-04	4.94E-04	6.20E-04	1.70E-03	157
1.00E-09	1.01E-09	1.13E-09	1.25E-09	6.47E-04	2.14E-04	4.92E-04	6.19E-04	7.36E-04	2.09E-03	159
1.26E-09	1.26E-09	1.42E-09	1.58E-09	7.83E-04	2.49E-04	5.54E-04	7.47E-04	9.57E-04	2.53E-03	177
1.58E-09	1.59E-09	1.78E-09	1.99E-09	8.86E-04	2.93E-04	6.81E-04	8.28E-04	1.05E-03	2.32E-03	204
2.00E-09	2.00E-09	2.27E-09	2.51E-09	1.05E-03	2.14E-04	8.13E-04	1.01E-03	1.24E-03	3.69E-03	174
2.51E-09	2.52E-09	2.83E-09	3.16E-09	1.26E-03	4.34E-04	9.62E-04	1.18E-03	1.50E-03	3.33E-03	177
3.16E-09	3.17E-09	3.57E-09	3.99E-09	1.53E-03	5.39E-04	1.10E-03	1.50E-03	1.78E-03	4.32E-03	156
3.98E-09	3.99E-09	4.42E-09	5.00E-09	1.65E-03	6.00E-04	1.21E-03	1.63E-03	1.98E-03	5.53E-03	120
5.01E-09	5.03E-09	5.63E-09	6.27E-09	2.09E-03	4.48E-04	1.49E-03	2.04E-03	2.51E-03	5.47E-03	111
6.31E-09	6.31E-09	7.07E-09	7.94E-09	2.36E-03	9.53E-04	1.61E-03	2.35E-03	2.85E-03	6.49E-03	104
7.94E-09	7.55E-09	8.83E-09	9.95E-09	3.04E-03	5.92E-04	2.09E-03	2.87E-03	3.66E-03	7.42E-03	91
1.00E-08	1.00E-08	1.11E-08	1.25E-08	3.32E-03	1.20E-03	2.51E-03	3.17E-03	3.93E-03	8.67E-03	69
1.26E-08	1.26E-08	1.41E-08	1.58E-08	3.97E-03	1.34E-03	2.90E-03	3.69E-03	4.47E-03	1.03E-02	44
1.58E-08	1.59E-08	1.76E-08	1.98E-08	4.39E-03	9.68E-04	3.31E-03	4.18E-03	5.21E-03	1.24E-02	39
2.00E-08	2.00E-08	2.19E-08	2.49E-08	4.83E-03	1.68E-03	2.46E-03	4.38E-03	6.36E-03	9.53E-03	30
2.51E-08	2.53E-08	2.74E-08	3.15E-08	5.57E-03	1.75E-03	4.73E-03	5.18E-03	7.35E-03	1.19E-02	18
3.16E-08	3.19E-08	3.57E-08	3.99E-08	6.19E-03	1.93E-03	3.50E-03	6.49E-03	8.17E-03	1.34E-02	15
3.98E-08	4.00E-08	4.46E-08	5.00E-08	5.55E-03	2.27E-03	4.03E-03	5.38E-03	6.86E-03	1.31E-02	12
5.01E-08	5.09E-08	5.64E-08	6.26E-08	7.20E-03	4.20E-03	4.59E-03	6.37E-03	8.05E-03	1.54E-02	16
6.31E-08	6.37E-08	7.19E-08	7.73E-08	8.49E-03	3.49E-03	6.00E-03	7.54E-03	1.15E-02	1.43E-02	14
7.94E-08	7.97E-08	8.80E-08	9.92E-08	9.38E-03	4.36E-03	5.96E-03	7.47E-03	1.22E-02	2.04E-02	23
1.00E-07	1.02E-07	1.12E-07	1.23E-07	1.11E-02	6.01E-03	8.13E-03	9.51E-03	1.53E-02	1.60E-02	14
1.26E-07	1.28E-07	1.43E-07	1.53E-07	1.21E-02	7.64E-03	1.32E-02	1.67E-02	2.05E-02	2.30E-02	10
1.58E-07	1.59E-07	1.79E-07	1.96E-07	2.34E-02	1.05E-02	1.84E-02	2.28E-02	2.95E-02	3.26E-02	7
2.00E-07	2.02E-07	2.16E-07	2.41E-07	2.16E-02	1.17E-02	1.32E-02	2.33E-02	2.64E-02	3.70E-02	9
2.51E-07	2.67E-07	2.75E-07	2.89E-07	2.32E-02	1.80E-02				3.32E-02	3
3.16E-07	3.31E-07	3.44E-07	3.60E-07	3.20E-02	2.03E-02	2.43E-02	2.93E-02	3.84E-02	5.07E-02	8
3.98E-07	4.02E-07	4.51E-07	4.92E-07	5.09E-02	3.39E-02	4.33E-02	5.14E-02	6.06E-02	6.33E-02	7
5.01E-07	5.37E-07	5.75E-07	6.14E-07	4.96E-02	4.06E-02				5.96E-02	2
6.31E-07	7.84E-07	7.84E-07	7.84E-07	6.78E-02	6.78E-02				6.78E-02	1

TOTAL N: 4135

TABLE . NEW JERSEY ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
3.48E-10	4.26E-10	4.56E-10	4.79E-10	2.98E-04	2.59E-04				3.73E-04	3
5.01E-10	5.07E-10	5.26E-10	5.68E-10	2.67E-04	2.41E-04	2.47E-04	2.62E-04	2.78E-04	3.11E-04	7
7.41E-10	8.35E-10	8.91E-10	9.31E-10	2.95E-04	2.27E-04	2.49E-04	3.04E-04	3.33E-04	3.67E-04	13
9.94E-10	9.79E-10	9.91E-10	1.00E-09	2.83E-04	2.10E-04	2.34E-04	2.72E-04	3.51E-04	3.60E-04	6
1.00E-09	1.01E-09	1.13E-09	1.25E-09	3.01E-04	2.29E-04	2.91E-04	3.37E-04	4.10E-04	6.27E-04	26
1.26E-09	1.28E-09	1.37E-09	1.57E-09	4.55E-04	3.17E-04	3.74E-04	4.08E-04	5.28E-04	7.53E-04	23
1.58E-09	1.60E-09	1.80E-09	1.99E-09	5.25E-04	3.01E-04	4.51E-04	5.10E-04	6.44E-04	8.95E-04	30
2.00E-09	2.02E-09	2.23E-09	2.50E-09	5.75E-04	2.82E-04	4.76E-04	5.46E-04	6.64E-04	1.02E-03	42
2.51E-09	2.52E-09	2.83E-09	3.15E-09	7.38E-04	4.15E-04	5.74E-04	7.28E-04	8.45E-04	1.73E-03	59
3.18E-09	3.17E-09	3.58E-09	3.98E-09	8.46E-04	4.44E-04	6.75E-04	7.88E-04	9.96E-04	1.45E-03	55
3.99E-09	3.99E-09	4.48E-09	4.99E-09	1.02E-03	5.54E-04	8.38E-04	1.02E-03	1.17E-03	1.70E-03	49
5.01E-09	5.05E-09	5.67E-09	6.30E-09	1.29E-03	6.71E-04	1.01E-03	1.21E-03	1.48E-03	3.56E-03	64
6.31E-09	6.31E-09	7.10E-09	7.96E-09	1.54E-03	8.44E-04	1.25E-03	1.50E-03	1.71E-03	3.16E-03	89
7.94E-09	7.99E-09	9.00E-09	1.00E-08	1.82E-03	1.02E-03	1.50E-03	1.76E-03	2.10E-03	3.03E-03	83
1.00E-08	1.01E-08	1.11E-08	1.24E-08	2.17E-03	1.13E-03	1.77E-03	2.05E-03	2.47E-03	5.02E-03	96
1.26E-08	1.28E-08	1.42E-08	1.58E-08	2.41E-03	1.20E-03	1.98E-03	2.41E-03	2.76E-03	4.43E-03	129
1.58E-08	1.59E-08	1.76E-08	1.99E-08	2.89E-03	1.67E-03	2.44E-03	2.82E-03	3.49E-03	7.35E-03	134
2.00E-08	2.00E-08	2.23E-08	2.50E-08	3.53E-03	2.17E-03	2.98E-03	3.44E-03	4.07E-03	6.88E-03	150
2.51E-08	2.53E-08	2.82E-08	3.15E-08	4.39E-03	2.30E-03	3.54E-03	4.16E-03	4.75E-03	1.17E-02	139
3.16E-08	3.17E-08	3.55E-08	3.98E-08	5.24E-03	2.73E-03	4.25E-03	5.02E-03	5.76E-03	.9E-02	159
3.98E-08	3.99E-08	4.46E-08	5.01E-08	6.50E-03	3.41E-03	5.42E-03	6.11E-03	7.26E-03	1.56E-02	174
5.01E-08	5.03E-08	5.69E-08	6.30E-08	7.94E-03	4.19E-03	6.51E-03	7.61E-03	8.94E-03	1.93E-02	198
6.31E-08	6.31E-08	7.09E-08	7.93E-08	9.39E-03	5.22E-03	7.86E-03	8.78E-03	1.05E-02	1.91E-02	180
7.94E-08	7.95E-08	8.93E-08	9.95E-08	1.13E-02	6.55E-03	9.62E-03	1.08E-02	1.24E-02	2.82E-02	172
1.00E-07	1.00E-07	1.11E-07	1.25E-07	1.33E-02	8.19E-03	1.13E-02	1.28E-02	1.52E-02	2.68E-02	171
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.70E-02	9.69E-03	1.45E-02	1.64E-02	1.90E-02	3.47E-02	170
1.58E-07	1.59E-07	1.78E-07	1.99E-07	1.97E-02	1.30E-02	1.66E-02	1.93E-02	2.18E-02	3.10E-02	101
2.00E-07	2.00E-07	2.24E-07	2.51E-07	2.52E-02	1.83E-02	2.13E-02	2.44E-02	2.72E-02	5.15E-02	117
2.51E-07	2.52E-07	2.82E-07	3.15E-07	2.96E-02	2.04E-02	2.53E-02	2.82E-02	3.18E-02	6.14E-02	104
3.16E-07	3.14E-07	3.55E-07	3.98E-07	3.80E-02	2.61E-02	3.28E-02	3.68E-02	4.03E-02	6.46E-02	83
3.98E-07	4.02E-07	4.44E-07	4.96E-07	4.43E-02	3.34E-02	3.82E-02	4.39E-02	4.78E-02	7.66E-02	57
5.01E-07	5.06E-07	5.67E-07	6.27E-07	5.42E-02	4.18E-02	4.81E-02	5.25E-02	5.79E-02	9.12E-02	42
6.31E-07	6.39E-07	7.09E-07	7.88E-07	6.65E-02	4.82E-02	5.80E-02	6.41E-02	7.49E-02	1.15E-01	34
7.94E-07	8.01E-07	9.02E-07	9.66E-07	8.06E-02	5.06E-02	7.32E-02	8.15E-02	9.21E-02	1.03E-01	21
1.00E-06	1.01E-06	1.15E-06	1.24E-06	9.67E-02	6.24E-02	8.74E-02	9.63E-02	1.06E-01	1.43E-01	15
1.26E-06	1.29E-06	1.40E-06	1.48E-06	1.07E-01	6.74E-02	1.06E-01	1.14E-01	1.18E-01	1.21E-01	12
1.58E-06	1.35E-06	1.45E-06	1.95E-06	1.49E-01	1.22E-01	1.41E-01	1.45E-01	1.51E-01	1.85E-01	11
2.00E-06	2.02E-06	2.32E-06	2.51E-06	1.66E-01	7.84E-02	1.49E-01	1.76E-01	2.06E-01	2.11E-01	9
2.51E-06	2.54E-06	2.83E-06	3.15E-06	1.96E-01	9.45E-02	1.62E-01	2.06E-01	2.23E-01	2.74E-01	13
3.16E-06	3.18E-06	3.57E-06	3.94E-06	2.32E-01	9.10E-02	2.12E-01	2.50E-01	2.93E-01	3.10E-01	17
3.98E-06	3.59E-06	4.49E-06	4.96E-06	2.48E-01	9.05E-02	1.59E-01	2.68E-01	3.26E-01	3.73E-01	14
5.01E-06	5.16E-06	5.70E-06	6.15E-06	3.29E-01	1.14E-01	2.20E-01	3.76E-01	4.21E-01	4.84E-01	9
6.31E-06	6.31E-06	6.95E-06	7.86E-06	3.55E-01	1.18E-01	1.49E-01	3.55E-01	5.46E-01	6.30E-01	16
7.94E-06	8.20E-06	8.70E-06	9.72E-06	4.13E-01	1.27E-01	2.11E-01	2.89E-01	6.51E-01	7.22E-01	7
1.00E-05	1.00E-05	1.02E-05	1.03E-05	2.43E-01	1.27E-01	1.29E-01	1.32E-01	3.57E-01	5.81E-01	4
1.26E-05	1.28E-05	1.43E-05	1.58E-05	6.95E-01	1.43E-01	2.54E-01	9.26E-01	1.06E 00	1.11E 00	9
1.59E-05	1.60E-05	1.74E-05	1.97E-05	9.41E-01	2.53E-01	7.22E-01	9.16E-01	1.32E 00	1.34E 00	5
2.00E-05	2.05E-05	2.20E-05	2.30E-05	7.37E-01	1.73E-01	3.83E-01	7.91E-01	9.94E-01	1.49E 00	8
2.51E-05	2.77E-05	2.99E-05	3.14E-05	9.16E-01	3.48E-01				1.33E 00	3
3.16E-05	3.78E-05	3.78E-05	3.78E-05	1.51E 00	1.51E 00				1.51E 00	1
3.98E-05	4.08E-05	4.08E-05	4.08E-05	2.09E 00	2.09E 00				2.09E 00	1

TOTAL N: 3135

TABLE 127. NEW JERSEY ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM. 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-09	1.03E-09	1.17E-09	1.25E-09	4.62E-04	4.03E-04	4.28E-04	4.35E-04	4.64E-04	6.10E-04	6
1.26E-09	1.27E-09	1.42E-09	1.55E-09	4.80E-04	3.86E-04	4.13E-04	4.45E-04	5.11E-04	5.52E-04	8
1.58E-09	1.63E-09	1.73E-09	1.87E-09	5.10E-04	4.20E-04	4.39E-04	5.33E-04	5.66E-04	6.09E-04	9
2.00E-09	2.13E-09	2.30E-09	2.45E-09	5.24E-04	3.70E-04	4.33E-04	5.39E-04	6.13E-04	[illegible]	8
2.51E-09	2.52E-09	2.84E-09	3.16E-09	6.48E-04	4.11E-04	5.14E-04	6.37E-04	7.20E-04	1.04E-03	32
3.16E-09	3.13E-09	3.56E-09	3.95E-09	8.22E-04	5.55E-04	6.23E-04	8.04E-04	8.99E-04	1.26E-03	20
3.98E-09	4.65E-09	4.54E-09	5.01E-09	8.79E-04	5.29E-04	7.24E-04	8.61E-04	1.01E-03	1.50E-03	12
5.01E-09	5.05E-09	5.69E-09	6.30E-09	1.11E-03	6.43E-04	8.98E-04	1.09E-03	1.31E-03	1.72E-03	46
6.31E-09	6.35E-09	7.07E-09	7.42E-09	1.29E-03	7.69E-04	1.02E-03	1.28E-03	1.49E-03	2.86E-03	53
7.94E-09	7.95E-09	8.96E-09	1.00E-08	1.52E-03	8.43E-04	1.21E-03	1.38E-03	1.76E-03	2.86E-03	62
1.00E-08	1.01E-08	1.13E-08	1.25E-08	1.90E-03	1.25E-03	1.58E-03	1.84E-03	2.11E-03	2.96E-03	43
1.26E-08	1.26E-08	1.42E-08	1.58E-08	2.30E-03	1.28E-03	1.96E-03	2.13E-03	2.60E-03	5.39E-03	75
1.58E-08	1.59E-08	1.80E-08	1.99E-08	2.85E-03	1.61E-03	2.40E-03	2.77E-03	3.13E-03	5.39E-03	85
2.00E-08	2.00E-08	2.27E-08	2.51E-08	3.37E-03	2.17E-03	2.77E-03	3.20E-03	3.73E-03	[illegible]-03	91
2.51E-08	**2.52E-08**	**2.83E-08**	**3.15E-08**	**3.95E-03**	**2.30E-03**	**3.36E-03**	**3.73E-03**	**4.42E-03**	**8.45E-03**	**101**
3.16E-08	3.17E-08	3.60E-08	3.98E-08	4.69E-03	2.63E-03	3.98E-03	4.55E-03	5.11E-03	7.59E-03	135
3.98E-08	3.99E-08	4.49E-08	5.01E-08	5.53E-03	3.34E-03	4.87E-03	5.72E-03	6.06E-03	9.74E-03	136
5.01E-08	5.02E-08	5.62E-08	6.30E-08	6.72E-03	4.34E-03	5.79E-03	6.55E-03	7.26E-03	1.22E-02	143
6.31E-08	6.31E-08	7.11E-08	7.94E-08	8.40E-03	5.43E-03	7.35E-03	8.11E-03	9.10E-03	1.90E-02	145
7.94E-08	7.95E-08	8.96E-08	1.00E-07	1.04E-02	6.11E-03	8.72E-03	9.91E-03	1.17E-02	2.66E-02	164
1.00E-07	1.01E-07	1.12E-07	1.26E-07	1.24E-02	7.90E-03	1.07E-02	1.19E-02	1.37E-02	2.17E-02	162
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.53E-02	9.04E-03	1.30E-02	1.49E-02	1.67E-02	3.30E-02	199
1.58E-07	1.59E-07	1.76E-07	1.99E-07	1.82E-02	1.26E-02	1.58E-02	1.76E-02	2.01E-02	3.35E-02	179
2.00E-07	2.00E-07	2.24E-07	2.51E-07	2.24E-02	1.53E-02	1.99E-02	2.18E-02	2.42E-02	4.36E-02	185
2.51E-07	2.52E-07	2.81E-07	3.16E-07	2.72E-02	1.96E-02	2.36E-02	2.66E-02	2.96E-02	5.99E-02	166
3.16E-07	3.17E-07	3.54E-07	3.98E-07	3.42E-02	2.21E-02	3.06E-02	3.36E-02	3.69E-02	6.36E-02	152
3.98E-07	3.99E-07	4.47E-07	5.01E-07	4.03E-02	2.80E-02	3.58E-02	3.96E-02	4.42E-02	5.62E-02	97
5.01E-07	5.02E-07	5.55E-07	6.25E-07	5.08E-02	3.18E-02	4.55E-02	4.98E-02	5.50E-02	9.14E-02	120
6.31E-07	6.32E-07	7.09E-07	7.94E-07	6.25E-02	4.40E-02	5.46E-02	6.02E-02	6.58E-02	1.10E-01	91
7.94E-07	7.96E-07	8.85E-07	9.94E-07	7.59E-02	4.54E-02	6.83E-02	7.56E-02	8.12E-02	1.16E-01	79
1.00E-06	1.00E-06	1.11E-06	1.25E-06	9.07E-02	5.17E-02	8.08E-02	9.05E-02	9.71E-02	1.65E-01	56
1.26E-06	1.26E-06	1.40E-06	1.58E-06	1.07E-01	6.41E-02	1.01E-01	1.10E-01	1.19E-01	1.51E-01	43
1.58E-06	1.59E-06	1.75E-06	1.99E-06	1.39E-01	8.58E-02	1.26E-01	1.37E-01	1.52E-01	2.12E-01	26
2.00E-06	2.02E-06	2.24E-06	2.45E-06	1.59E-01	7.01E-02	1.41E-01	1.67E-01	1.96E-01	2.48E-01	25
2.51E-06	2.55E-06	2.85E-06	3.06E-06	1.83E-01	1.04E-01	1.30E-01	1.97E-01	2.19E-01	2.76E-01	12
3.16E-06	3.21E-06	3.56E-06	3.95E-06	2.02E-01	6.13E-02	1.81E-01	2.44E-01	2.50E-01	2.56E-01	11
3.98E-06	4.07E-06	4.41E-06	4.95E-06	2.03E-01	7.45E-02	9.40E-02	1.99E-01	2.90E-01	3.75E-01	12
5.01E-06	5.12E-06	5.69E-06	6.23E-06	3.12E-01	1.23E-01	2.99E-01	3.19E-01	3.55E-01	4.55E-01	7
6.31E-06	6.34E-06	7.03E-06	7.92E-06	3.59E-01	8.25E-02	2.43E-01	4.13E-01	4.82E-01	6.37E-01	16
7.94E-06	8.08E-06	8.69E-06	9.73E-06	3.07E-01	8.47E-02	1.33E-01	2.67E-01	5.00E-01	6.35E-01	17
1.00E-05	1.01E-05	1.13E-05	1.24E-05	3.86E-01	9.30E-02	2.29E-01	5.87E-01	5.32E-01	6.80E-01	15
1.26E-05	1.26E-05	1.41E-05	1.54E-05	4.32E-01	1.49E-01	2.01E-01	4.52E-01	5.92E-01	9.29E-01	16
1.58E-05	1.59E-05	1.78E-05	1.96E-05	6.50E-01	1.55E-01	2.56E-01	6.35E-01	9.75E-01	[illegible]-00	16
2.00E-05	2.04E-05	2.14E-05	2.40E-05	5.15E-01	1.76E-01	1.88E-01	4.72E-01	7.81E-01	1.36E 00	10
2.51E-05	2.53E-05	2.96E-05	3.15E-05	9.73E-01	2.07E-01	3.84E-01	1.24E 00	1.29E 00	1.59E 00	9
3.16E-05	3.31E-05	3.66E-05	3.97E-05	1.11E 00	3.45E-01	4.91E-01	8.24E-01	1.72E 00	2.43E 00	4
3.98E-05	4.19E-05	4.50E-05	4.94E-05	1.21E 00	2.56E-01	4.31E-01	1.24E 00	1.92E 00	2.13E 00	6
5.01E-05	5.12E-05	5.62E-05	6.03E-05	1.43E 00	5.63E-01	1.45E 00	1.60E 00	2.47E 00	2.84E 00	9
6.31E-05	6.63E-05	6.98E-05	7.34E-05	1.77E 00	1.08E 00				2.47E 00	
7.94E-05	8.13E-05	8.36E-05	8.60E-05	2.04E 00	1.59E 00				2.49E 00	
1.00E-04	1.16E-04	1.12E-04	1.12E-04	2.30E 00	2.30E 00				2.30E 00	1
1.26E-04	1.27E-04	1.27E-04	1.27E-04	3.51E 00	3.51E 00				3.51E 00	1

TOTAL N: 3135

TABLE 32B, NEW JERSEY MEDIAN VOLUME DIAMETER TABULATED
AS A FUNCTION OF REFLECTIVITY FOR 4.5 CM, 10 DEGREES C

[illegible] ETA ([illegible])	MIN ETA ([illegible])	MEAN ETA (/M)	MAX ETA (/M)	MEAN D0 (MM)	MIN D0 (MM)	25%TILE D0 (MM)	[illegible]%TILE D0 (MM)	[illegible]%TILE D0 (MM)	MAX D0 (MM)	N
[illegible]	[illegible]	4.54E-10	6.47E-10	7.12E-01	[illegible]	7.30E-01	[illegible]	[illegible]	[illegible]	9
[illegible]	[illegible]	5.52E-10	6.70E-10	7.62E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6.54E-10	6.57E-10	7.37E-10	7.67E-01	[illegible]	7.30E-01	[illegible]	[illegible]	[illegible]	6
[illegible]	[illegible]	7.16E-10	9.99E-10	9.29E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14
[illegible]	[illegible]	1.13E-09	1.25E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20
[illegible]	[illegible]	1.42E-09	1.56E-09	9.26E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16
[illegible]	[illegible]	1.81E-09	1.97E-09	9.33E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19
[illegible]	[illegible]	2.27E-09	2.50E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23
[illegible]	[illegible]	2.87E-09	3.14E-09	9.76E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.63E-09	3.98E-09	1.04E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54
[illegible]	[illegible]	4.49E-09	4.95E-09	1.05E 00	[illegible]	9.30E-01	[illegible]	[illegible]	[illegible]	52
[illegible]	[illegible]	5.61E-09	6.27E-09	1.36E 00	[illegible]	9.75E-01	[illegible]	[illegible]	[illegible]	65
[illegible]	[illegible]	7.06E-09	7.88E-09	1.06E 00	[illegible]	1.00E 00	[illegible]	[illegible]	[illegible]	87
[illegible]	[illegible]	9.01E-09	1.00E-08	1.05E 00	[illegible]	1.10E 00	[illegible]	[illegible]	[illegible]	46
[illegible]	[illegible]	1.13E-08	1.26E-08	1.13E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.43E-08	[illegible]	1.17E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.79E-08	1.99E-08	1.19E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.22E-08	2.51E-08	1.21E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	136
[illegible]	[illegible]	2.82E-08	3.16E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	152
[illegible]	[illegible]	3.54E-08	3.98E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.45E-08	5.01E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.61E-08	6.30E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.06E-08	7.94E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	8.57E-08	1.00E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.12E-07	1.26E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.41E-07	1.58E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.79E-07	1.99E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.24E-07	2.51E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.81E-07	3.16E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.53E-07	3.97E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.41E-07	5.00E-07	1.62E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.67E-07	6.29E-07	1.71E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.77E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9.94E-07	1.75E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.11E-06	1.22E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.53E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.78E-06	[illegible]	2.12E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.28E-06	2.51E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.85E-06	3.12E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.83E-06	2.39E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	2.26E 00	[illegible]	1.77E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.31E-06	2.02E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.53E-06	2.37E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9.75E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.24E-05	1.26E-05	[illegible]	[illegible]				[illegible]	
[illegible]	[illegible]	1.45E-05	1.55E-05	2.71E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.95E-05	2.04E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.13E-05	2.19E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.98E-05	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	3.72E-05	3.96E-05	2.55E 00	[illegible]				[illegible]	[illegible]

TOTAL = [illegible]

TABLE [illegible]. NEW JERSEY MEDIAN VOLUME DIAMETER TABULATED
AS A FUNCTION OF REFLECTIVITY FOR [illegible] AT 10 DEGREES C

[illegible]	MIN	PEAK	MAX	MEAN	MIN	25%ILE	50%ILE	75%ILE	MAX	
[illegible]	DBZ	DBZ	DBZ	DBZ	DBZ	DBZ	DBZ	DBZ	DBZ	N
[illegible]	(MM**6/M**3)	(MM**6/M**3)	(MM**6/M**3)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	
[illegible]	[illegible]	[illegible]	[illegible]	7.612E-01	6.03E-01	7.03E-01	7.03E-01	7.53E-01	[illegible]	4
[illegible]	[illegible]	[illegible]	[illegible]	7.62E-01	7.00E-01	7.00E-01	7.50E-01	8.00E-01	[illegible]	8
[illegible]	[illegible]	[illegible]	[illegible]	8.03E-01	7.00E-01	7.50E-01	8.00E-01	8.50E-01	[illegible]	8
[illegible]	[illegible]	[illegible]	[illegible]	8.47E-01	8.03E-01	8.03E-01	8.50E-01	9.00E-01	[illegible]	15
[illegible]	[illegible]	[illegible]	[illegible]	8.93E-01	8.03E-01	8.50E-01	9.00E-01	9.50E-01	[illegible]	26
[illegible]	[illegible]	[illegible]	[illegible]	8.96E-01	8.03E-01	8.50E-01	9.00E-01	9.50E-01	[illegible]	19
[illegible]	[illegible]	[illegible]	[illegible]	9.06E-01	8.03E-01	8.50E-01	9.00E-01	9.50E-01	[illegible]	43
[illegible]	[illegible]	[illegible]	[illegible]	9.53E-01	8.03E-01	9.00E-01	9.50E-01	1.00E+00	[illegible]	64
[illegible]	[illegible]	[illegible]	[illegible]	9.47E-01	8.03E-01	9.00E-01	9.50E-01	1.00E+00	[illegible]	52
[illegible]	[illegible]	[illegible]	[illegible]	1.00E+00	9.00E-01	9.50E-01	1.00E+00	1.05E+00	[illegible]	54
[illegible]	[illegible]	[illegible]	[illegible]	1.03E+00	9.50E-01	1.00E+00	1.05E+00	1.10E+00	[illegible]	41
[illegible]	[illegible]	[illegible]	[illegible]	1.07E+00	9.50E-01	1.00E+00	1.05E+00	1.10E+00	[illegible]	62
[illegible]	[illegible]	[illegible]	[illegible]	1.09E+00	1.00E+00	1.05E+00	1.10E+00	1.15E+00	[illegible]	45
[illegible]	[illegible]	[illegible]	[illegible]	1.13E+00	1.05E+00	1.10E+00	1.15E+00	1.20E+00	[illegible]	27
[illegible]	[illegible]	[illegible]	[illegible]	1.16E+00	1.05E+00	1.10E+00	1.15E+00	1.20E+00	[illegible]	146
[illegible]	[illegible]	[illegible]	[illegible]	1.19E+00	1.10E+00	1.15E+00	1.20E+00	1.25E+00	[illegible]	148
[illegible]	[illegible]	[illegible]	[illegible]	1.23E+00	1.10E+00	1.20E+00	1.25E+00	1.30E+00	[illegible]	190
[illegible]	[illegible]	[illegible]	[illegible]	1.25E+00	1.15E+00	1.20E+00	1.25E+00	1.30E+00	[illegible]	166
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	144
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	111
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	125
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	137
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	141
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	113
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	118
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible] = 7155

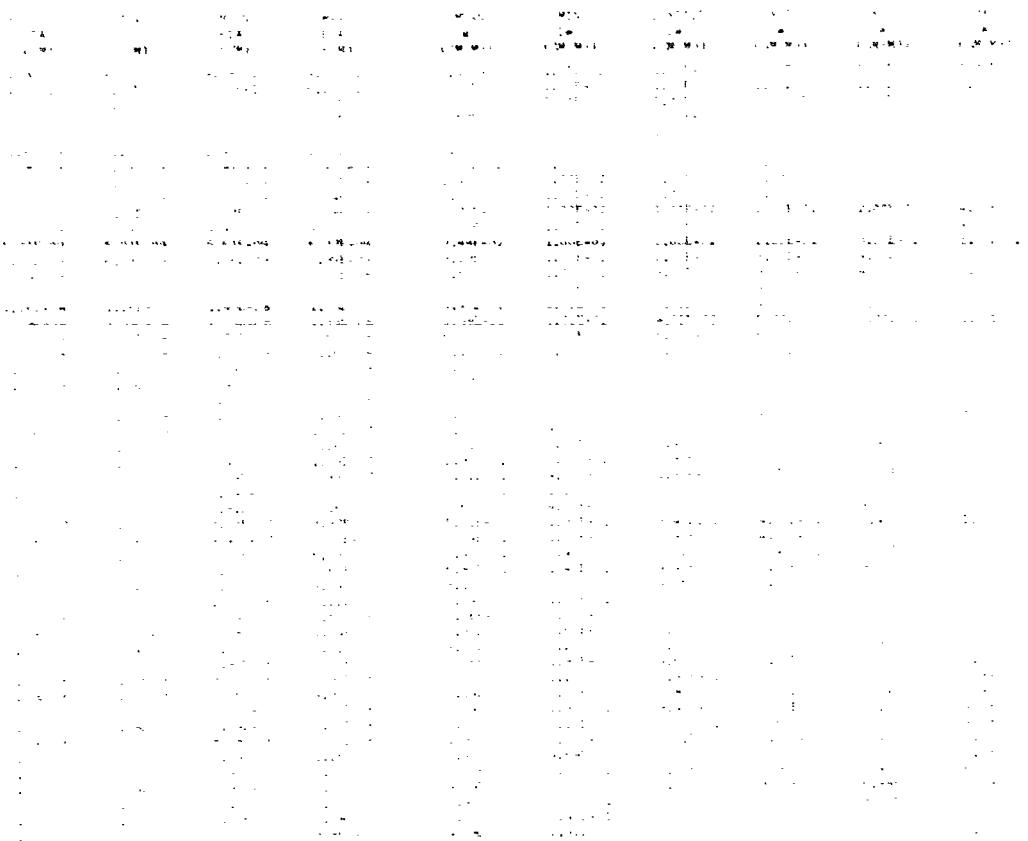

TABLE [illegible]. NEW JERSEY LIQUID WATER CONTENT TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 M, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN LWC (GM/M3)	MIN LWC (GM/M3)	25%TILE LWC (GM/M3)	50%TILE LWC (GM/M3)	75%TILE LWC (GM/M3)	MAX LWC (GM/M3)	N
1.00E-09	1.01E-09	1.11E-09	1.18E-09	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	8
1.26E-09	1.35E-09	1.44E-09	1.51E-09	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	8
1.58E-09	1.55E-09	1.76E-09	1.95E-09	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	8
2.00E-09	2.00E-09	2.31E-09	2.51E-09	8.67E-03	0.0	1.00E-02	1.00E-02	1.00E-02	1.00E-02	15
2.51E-09	2.51E-09	2.80E-09	3.14E-09	1.04E-02	0.0	1.00E-02	1.00E-02	1.00E-02	2.00E-02	29
3.16E-09	3.17E-09	3.54E-09	3.87E-09	1.19E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	2.00E-02	36
3.98E-09	4.01E-09	4.48E-09	4.98E-09	1.14E-02	0.0	1.00E-02	1.00E-02	1.00E-02	3.00E-02	43
5.01E-09	5.05E-09	5.69E-09	6.31E-09	1.43E-02	1.00E-02	1.00E-02	1.00E-02	2.00E-02	5.00E-02	44
6.31E-09	6.32E-09	7.11E-09	7.93E-09	1.58E-02	1.00E-02	1.00E-02	2.00E-02	2.00E-02	3.00E-02	57
7.94E-09	8.03E-09	8.95E-09	9.86E-09	1.75E-02	1.00E-02	1.00E-02	2.00E-02	2.00E-02	4.00E-02	56
1.00E-08	1.00E-08	1.13E-08	1.25E-08	2.15E-02	1.00E-02	2.00E-02	2.00E-02	3.00E-02	5.00E-02	61
1.26E-08	1.26E-08	1.42E-08	1.58E-08	2.88E-02	1.00E-02	2.00E-02	2.00E-02	3.00E-02	9.00E-02	67
1.58E-08	1.59E-08	1.76E-08	1.99E-08	3.33E-02	1.00E-02	2.75E-02	3.00E-02	4.00E-02	7.00E-02	49
2.00E-08	2.00E-08	2.26E-08	2.50E-08	3.54E-02	2.00E-02	3.00E-02	3.00E-02	4.00E-02	8.00E-02	97
2.51E-08	2.52E-08	2.83E-08	3.16E-08	4.19E-02	1.00E-02	3.00E-02	4.00E-02	5.00E-02	1.20E-01	107
3.16E-08	3.17E-08	3.56E-08	3.97E-08	4.51E-02	1.00E-02	3.00E-02	4.00E-02	5.00E-02	1.17E-01	134
3.98E-08	3.98E-08	4.61E-08	5.01E-08	5.56E-02	2.00E-02	4.00E-02	5.00E-02	7.00E-02	1.30E-01	134
5.01E-08	5.03E-08	5.61E-08	6.31E-08	6.41E-02	2.00E-02	5.00E-02	6.00E-02	7.00E-02	2.50E-01	133
6.31E-08	6.31E-08	7.10E-08	7.94E-08	7.36E-02	2.00E-02	5.00E-02	7.00E-02	9.00E-02	1.67E-01	159
7.94E-08	7.94E-08	8.98E-08	1.00E-07	9.79E-02	3.00E-02	7.00E-02	9.00E-02	1.20E-01	3.00E-01	164
1.00E-07	1.00E-07	1.13E-07	1.26E-07	1.12E-01	3.00E-02	8.00E-02	1.10E-01	1.40E-01	3.70E-01	168
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.29E-01	3.00E-02	9.00E-02	1.15E-01	1.60E-01	4.40E-01	176
1.58E-07	1.59E-07	1.77E-07	2.00E-07	1.42E-01	2.00E-02	1.10E-01	1.40E-01	1.73E-01	4.00E-01	181
2.00E-07	2.00E-07	2.25E-07	2.50E-07	1.79E-01	4.00E-02	1.13E-01	1.70E-01	2.15E-01	[illegible]	186
2.51E-07	2.51E-07	2.85E-07	3.16E-07	2.15E-01	[illegible]	1.50E-01	[illegible]	[illegible]	[illegible]	[illegible]
3.16E-07	3.18E-07	3.55E-07	3.98E-07	2.48E-01	[illegible]	1.50E-01	[illegible]	[illegible]	[illegible]	141
3.98E-07	3.99E-07	4.51E-07	5.01E-07	2.80E-01	[illegible]	1.75E-01	[illegible]	[illegible]	[illegible]	[illegible]
5.01E-07	5.01E-07	5.59E-07	6.29E-07	3.38E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6.31E-07	6.32E-07	7.04E-07	7.94E-07	3.85E-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.94E-07	8.02E-07	8.85E-07	9.91E-07	5.04E-01	9.20E-02	3.53E-01	4.55E-01	[illegible]	[illegible]	74
1.00E-06	1.00E-06	1.12E-06	1.26E-06	4.92E-01	1.40E-01	3.20E-01	4.70E-01	[illegible]	[illegible]	[illegible]
1.26E-06	1.26E-06	1.39E-06	[illegible]	5.56E-01	4.00E-02	3.67E-01	5.50E-01	[illegible]	[illegible]	37
1.58E-06	1.59E-06	1.75E-06	1.98E-06	7.05E-01	1.47E-01	4.40E-01	5.70E-01	[illegible]	[illegible]	[illegible]
2.00E-06	2.02E-06	2.20E-06	2.50E-06	7.75E-01	1.90E-01	4.50E-01	7.50E-01	[illegible]	[illegible]	[illegible]
2.51E-06	2.52E-06	2.79E-06	3.05E-06	8.07E-01	1.40E-01	5.80E-01	8.05E-01	[illegible]	[illegible]	14
3.16E-06	3.18E-06	3.54E-06	3.91E-06	5.25E-01	6.00E-02	2.30E-01	5.10E-01	[illegible]	[illegible]	11
3.98E-06	4.00E-06	4.45E-06	5.01E-06	6.86E-01	1.10E-01	1.55E-01	4.80E-01	[illegible]	[illegible]	[illegible]
5.01E-06	5.37E-06	5.84E-06	6.27E-06	8.53E-01	1.20E-01	5.60E-01	6.55E-01	[illegible]	[illegible]	6
6.31E-06	6.49E-06	7.15E-06	7.94E-06	1.07E 00	2.60E-01	5.45E-01	8.77E-01	[illegible]	[illegible]	12
7.94E-06	7.96E-06	8.88E-06	9.80E-06	7.87E-01	1.17E-01	1.80E-01	4.80E-01	[illegible]	[illegible]	[illegible]
1.00E-05	1.01E-05	1.14E-05	1.22E-05	1.22E 00	3.50E-01	6.40E-01	1.07E 00	[illegible]	[illegible]	[illegible]
1.26E-05	1.27E-05	1.43E-05	1.58E-05	9.98E-01	1.90E-01	4.90E-01	6.80E-01	[illegible]	[illegible]	17
1.58E-05	1.69E-05	1.85E-05	1.99E-05	1.73E 00	2.10E-01	3.45E-01	1.02E 00	[illegible]	[illegible]	16
2.00E-05	2.02E-05	2.26E-05	2.45E-05	1.10E 00	2.70E-01	4.20E-01	7.40E-01	[illegible]	[illegible]	[illegible]
2.51E-05	2.57E-05	2.86E-05	3.16E-05	1.93E 00	2.50E-01	9.52E-01	[illegible]	[illegible]	[illegible]	[illegible]
3.16E-05	3.24E-05	3.58E-05	3.98E-05	3.03E 00	7.10E-01	7.95E-01	[illegible]	[illegible]	[illegible]	[illegible]
3.98E-05	4.05E-05	4.44E-05	4.91E-05	3.03E 00	2.50E-01	9.40E-01	[illegible]	[illegible]	[illegible]	[illegible]
5.01E-05	5.06E-05	[illegible]	6.30E-05	3.37E 00	7.40E-01	1.66E 00	[illegible]	[illegible]	[illegible]	[illegible]
6.31E-05	7.01E-05	7.38E-05	7.76E-05	5.76E 00	5.36E 00				[illegible]	[illegible]
7.94E-05	8.18E-05	8.18E-05	8.18E-05	2.66E 00	2.66E 00				[illegible]	1
1.00E-04	1.07E-04	1.14E-04	1.21E-04	4.58E 00	2.92E 00				[illegible]	[illegible]

TOTAL N: 3135

TABLE 132. NEW JERSEY ATTENUATION FOR 4.0 CM, 10 DEGREES C
AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (1/M)	MIN ETA (1/M)	MEAN ETA (1/M)	MAX ETA (1/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
[illegible]	[illegible]	1.11E-09	1.18E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8
[illegible]	1.15E-09	1.44E-09	1.52E-09	2.79E-06	2.14E-06	2.36E-06	2.76E-06	3.26E-06	3.44E-06	8
[illegible]	[illegible]	1.76E-09	1.99E-09	[illegible]	[illegible]	[illegible]	2.90E-06	[illegible]	[illegible]	8
[illegible]	[illegible]	2.31E-09	2.51E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15
[illegible]	[illegible]	2.80E-09	3.14E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.54E-09	3.87E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16
[illegible]	[illegible]	[illegible]	4.98E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.31E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.93E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9.88E-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.25E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.58E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.99E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.50E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.16E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.97E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.02E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.31E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.94E-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.02E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.26E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.58E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.00E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.50E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.16E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.98E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.01E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.29E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.94E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9.91E-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.26E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.58E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.98E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.50E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.25E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.91E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.01E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.27E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.94E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9.80E-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.22E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.58E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.99E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.45E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.16E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.98E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	4.91E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.30E-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.76E-05	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	8.19E-05	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.21E-04	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL [illegible]

TABLE . N. CAROLINA REFLECTIVITY FOR 10.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	6.43E-11	1.49E-11	3.25E-11	5.99E-11	9.27E-11	1.03E-10	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	6.60E-11	1.63E-11	4.54E-11	5.90E-11	8.43E-11	1.43E-10	92
1.58E-01	1.59E-01	1.76E-01	1.99E-01	9.78E-11	2.57E-11	5.43E-11	7.76E-11	1.07E-10	2.97E-10	115
2.00E-01	2.00E-01	2.25E-01	2.51E-01	1.27E-10	4.08E-11	7.50E-11	[illegible]	1.53E-10	6.46E-10	115
2.51E-01	2.52E-01	2.82E-01	3.15E-01	1.47E-10	5.27E-11	9.37E-11	1.37E-10	1.80E-10	3.71E-10	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	2.07E-10	4.92E-11	1.25E-10	1.86E-10	2.50E-10	1.29E-09	137
3.98E-01	3.99E-01	4.50E-01	5.01E-01	2.70E-10	6.02E-11	1.65E-10	2.31E-10	4.50E-10	7.00E-10	144
5.01E-01	5.02E-01	5.63E-01	6.30E-01	4.01E-10	1.17E-10	2.22E-10	3.51E-10	5.06E-10	1.28E-09	177
6.31E-01	6.31E-01	7.08E-01	7.94E-01	5.40E-10	1.31E-10	3.36E-10	4.67E-10	6.50E-10	2.25E-09	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	7.26E-10	2.37E-10	4.25E-10	5.97E-10	9.11E-10	2.00E-09	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	1.02E-09	2.97E-10	5.68E-10	8.48E-10	1.23E-09	4.54E-09	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.45E-09	3.35E-10	7.89E-10	1.12E-09	1.56E-09	1.19E-08	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.95E-09	4.45E-10	1.03E-09	1.52E-09	2.17E-09	1.28E-08	265
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.63E-09	6.27E-10	1.44E-09	2.04E-09	3.05E-09	4.49E-09	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	3.47E-09	4.21E-10	2.23E-09	2.97E-09	4.25E-09	1.91E-08	266
3.16E 00	3.17E 00	3.56E 00	3.98E 00	4.44E-09	1.22E-09	2.74E-09	3.76E-09	5.36E-09	1.54E-08	262
3.98E 00	3.99E 00	4.47E 00	5.01E 00	5.73E-09	1.24E-09	3.60E-09	5.08E-09	6.93E-09	1.73E-08	265
5.01E 00	5.04E 00	5.63E 00	6.30E 00	7.17E-09	2.13E-09	4.27E-09	6.31E-09	9.53E-09	2.62E-08	232
6.31E 00	6.31E 00	7.1[illegible] 00	7.94E 00	1.04E-08	2.49E-09	6.52E-09	9.60E-09	1.16E-08	5.10E-08	203
7.94E 00	7.95E 00	8.95E 00	9.94E 00	1.31E-08	4.94E-09	8.72E-09	1.25E-08	1.55E-08	5.71E-08	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	1.43E-08	5.07E-09	1.13E-08	1.44E-08	2.26E-08	6.94E-08	189
1.26E 01	1.26E 01	1.40E 01	1.58E 01	2.48E-08	6.61E-09	1.54E-08	1.99E-08	2.76E-08	1.11E-07	154
1.58E 01	1.59E 01	1.77E 01	1.99E 01	3.17E-08	1.15E-08	2.07E-08	2.67E-08	3.63E-08	1.39E-07	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	4.21E-08	1.38E-08	2.45E-08	3.43E-08	4.54E-08	1.12E-07	114
2.51E 01	2.54E 01	2.82E 01	3.10E 01	5.25E-08	2.19E-08	4.11E-08	4.84E-08	6.25E-08	3.23E-07	65
3.16E 01	3.19E 01	3.55E 01	3.96E 01	1.04E-07	4.64E-08	6.16E-08	7.57E-08	1.29E-07	3.45E-07	54
3.98E 01	3.99E 01	4.50E 01	4.93E 01	1.34E-07	5.13E-08	8.52E-08	1.03E-07	1.44E-[illegible]	7.66E-07	45
5.01E 01	5.04E 01	5.59E 01	6.29E 01	2.40E-07	7.61E-08	1.15E-07	1.70E-07	2.22E-07	7.13E-07	18
6.31E 01	6.33E 01	6.92E 01	7.84E 01	3.19E-07	1.27E-07	1.51E-07	2.13E-07	2.46E-07	1.14E-06	20
7.94E 01	7.54E 01	8.25E 01	9.47E 01	3.42E-07	1.66E-07	2.74E-07	3.31E-07	3.51E-07	5.42E-07	17
1.00E 02	1.01E 02	1.25E 02	1.21E 02	4.79E-07	1.50E-07	3.09E-07	3.51E-07	5.91E-07	1.14E-06	4
1.26E 02	1.26E 02	1.40E 02	1.56E 02	3.92E-07	3.07E-07	3.20E-07	3.76E-07	4.34E-07	4.23E-07	11
1.58E 02	1.65E 02	1.90E 02	1.96E 02	7.80E-07	4.29E-07	4.50E-07	5.60E-07	6.74E-07	1.59E-06	5
2.00E 02	2.10E 02	2.14E 02	2.17E 02	4.90E-07	5.69E-07				1.45E-06	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	6.04E-07	6.04E-07				6.04E-07	1

TOTAL N: 6530

TABLE N. CAROLINA REFLECTIVITY FOR [illegible] CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	1.69E-09	7.69E-10	1.25E-09	1.53E-09	2.01E-09	3.86E-09	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	2.53E-09	6.11E-10	1.75E-09	2.24E-09	3.34E-09	5.92E-09	92
1.58E-01	1.59E-01	1.78E-01	1.99E-01	3.3[illegible]-09	9.95E-10	2.08E-09	2.96E-09	4.03E-09	1.39E-08	115
2.00E-01	2.00E-01	2.25E-01	2.51E-01	4.75E-09	1.57E-09	2.49E-09	3.63E-09	5.26E-09	1.41E-08	115
2.51E-01	2.52E-01	2.82E-01	3.15E-01	5.54E-09	2.04E-09	3.54E-09	5.21E-09	6.91E-09	1.36E-08	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	7.77E-09	2.67E-09	4.74E-09	7.01E-09	9.39E-09	4.63E-08	137
3.98E-01	3.99E-01	4.50E-01	5.01E-01	1.01E-08	3.10E-09	6.32E-09	8.41E-09	1.30E-08	3.51E-08	144
5.01E-01	5.02E-01	5.63E-01	6.30E-01	1.49E-08	4.51E-09	8.45E-09	1.14E-08	1.54E-08	4.63E-08	177
6.31E-01	6.31E-01	7.05E-01	7.94E-01	1.97E-08	5.05E-09	1.27E-08	1.75E-08	2.42E-08	7.51E-08	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	2.66E-08	4.00E-09	1.62E-08	2.25E-08	3.34E-08	6.49E-08	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	3.73E-08	1.14E-08	2.23E-08	3.19E-08	4.53E-08	1.51E-07	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	5.01E-08	1.29E-08	2.93E-08	4.13E-08	5.73E-08	4.65E-07	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	6.72E-08	1.71E-08	3.88E-08	5.65E-08	8.66E-08	4.40E-07	265
2.00E 00	2.00E 00	2.24E 00	2.51E 00	8.93E-08	2.41E-08	5.44E-08	7.59E-08	1.12E-07	3.09E-07	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.35E-07	3.14E-08	7.58E-08	1.10E-07	1.53E-07	3.55E-06	266
3.16E 00	3.17E 00	3.56E 00	3.98E 00	1.57E-07	4.67E-08	1.03E-07	1.39E-07	1.94E-07	5.15E-07	262
3.98E 00	3.99E 00	4.49E 00	5.01E 00	2.10E-07	5.33E-08	1.36E-07	1.87E-07	2.50E-07	1.29E-06	265
5.01E 00	5.04E 00	5.67E 00	6.30E 00	2.60E-07	8.03E-08	1.74E-07	2.32E-07	3.29E-07	1.11E-06	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	3.65E-07	1.14E-07	2.40E-07	3.16E-07	4.14E-07	1.09E-06	203
7.94E 00	7.95E 00	8.85E 00	9.98E 00	5.04E-07	1.52E-07	2.98E-07	3.85E-07	5.57E-07	4.30E-06	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	6.76E-07	1.93E-07	4.19E-07	5.37E-07	9.02E-07	3.46E-06	189
1.26E 01	1.26E 01	1.40E 01	1.58E 01	9.42E-07	2.51E-07	5.77E-07	7.24E-07	9.94E-07	5.29E-06	154
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.26E-06	4.34E-07	7.59E-07	9.63E-07	1.29E-06	1.92E-05	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	1.67E-06	5.22E-07	1.02E-06	1.34E-06	1.59E-06	1.55E-05	114
2.51E 01	2.54E 01	2.82E 01	3.15E 01	2.70E-06	8.15E-07	1.69E-06	2.24E-06	2.74E-06	1.91E-05	65
3.16E 01	3.19E 01	3.55E 01	3.96E 01	4.55E-06	[illegible]70E-06	2.14E-06	2.67E-06	4.65E-06	3.04E-05	54
3.98E 01	3.99E 01	4.50E 01	4.93E 01	1.03E-05	1.44E-06	3.04E-06	3.61E-06	4.95E-06	4.19E-05	45
5.01E 01	5.04E 01	5.59E 01	6.29E 01	1.31E-05	2.70E-06	4.04E-06	6.17E-06	8.65E-06	6.42E-05	18
6.31E 01	6.33E 01	6.92E 01	7.84E 01	1.94E-05	4.54E-06	5.27E-06	7.32E-06	9.39E-06	1.03E-04	20
7.94E 01	7.58E 01	9.05E 01	9.97E 01	1.61E-05	5.61E-06	1.03E-05	1.18E-05	1.70E-05	3.57E-05	17
1.00E 02	1.01E 02	1.29E 02	1.21E 02	2.63E-05	5.39E-06	1.07E-05	1.48E-05	2.71E-05	4.37E-05	4
1.26E 02	1.28E 02	1.40E 02	1.56E 02	1.55E-05	1.08E-05	1.11E-05	1.30E-05	1.51E-05	4.10E-05	11
1.58E 02	1.65E 02	1.80E 02	1.96E 02	4.70E-05	1.49E-05	1.62E-05	1.97E-05	6.45E-05	1.47E-04	5
2.00E 02	2.10E 02	2.14E 02	2.17E 02	5.63E-05	1.94E-05				1.19E-04	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	2.10E-05	2.10E-05				2.10E-05	1

TOTAL N: 6590

TABLE . % CANOLINA REFLECTIVITY FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

[illegible] R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	4.08E-09	1.88E-09	3.03E-09	3.70E-09	4.85E-09	9.25E-09	55
1.26E-01	1.26E-01	1.43E-01	1.59E-01	6.10E-09	1.44E-09	4.23E-09	5.42E-09	8.04E-09	1.28E-08	92
1.59E-01	1.59E-01	1.78E-01	1.99E-01	9.99E-09	2.47E-09	5.05E-09	7.15E-09	9.72E-09	2.58E-08	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	1.15E-08	3.82E-09	6.97E-09	9.23E-09	1.39E-08	5.82E-08	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.31E-08	4.93E-09	8.69E-09	1.20E-08	1.66E-08	3.26E-08	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	1.47E-08	6.48E-09	1.16E-08	1.69E-08	2.25E-08	4.19E-08	131
3.98E-01	3.98E-01	4.45E-01	5.01E-01	2.66E-08	7.51E-09	1.53E-08	2.13E-08	3.13E-08	6.01E-08	144
5.01E-01	5.02E-01	5.64E-01	6.32E-01	3.58E-08	1.09E-08	2.04E-08	3.20E-08	4.69E-08	1.38E-07	177
6.31E-01	6.31E-01	7.06E-01	7.94E-01	4.75E-08	1.22E-08	3.08E-08	4.21E-08	5.81E-08	2.02E-07	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	6.76E-08	1.94E-08	3.90E-08	5.41E-08	8.09E-08	1.89E-07	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	9.68E-08	2.78E-08	5.40E-08	7.67E-08	1.10E-07	5.01E-07	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.29E-07	3.12E-08	7.22E-08	1.00E-07	1.38E-07	1.99E-06	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.66E-07	4.15E-08	9.39E-08	1.30E-07	2.02E-07	1.74E-06	269
1.99E 00	2.00E 00	2.24E 00	2.51E 00	2.17E-07	5.83E-08	1.51E-07	1.82E-07	2.69E-07	9.94E-07	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	3.35E-07	7.58E-08	1.42E-07	2.64E-07	3.75E-07	8.99E-06	266
3.16E 00	3.17E 00	3.56E 00	3.98E 00	3.66E-07	1.13E-07	2.47E-07	3.34E-07	4.65E-07	1.44E-06	252
3.98E 00	3.99E 00	4.49E 00	5.01E 00	5.29E-07	1.27E-07	3.27E-07	4.98E-07	6.02E-07	4.46E-06	265
5.01E 00	5.04E 00	5.67E 00	6.30E 00	6.51E-07	1.95E-07	4.19E-07	5.55E-07	7.37E-07	4.17E-06	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	1.01E-06	2.74E-07	5.78E-07	7.57E-07	1.01E-06	8.40E-06	223
7.95E 00	7.95E 00	8.95E 00	9.98E 00	1.31E-06	3.67E-07	7.16E-07	9.23E-07	1.34E-06	1.22E-05	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	1.79E-06	4.66E-07	1.01E-06	1.30E-06	2.01E-06	1.16E-05	184
1.26E 01	1.26E 01	1.40E 01	1.58E 01	2.65E-06	6.07E-07	1.42E-06	1.76E-06	2.46E-06	1.22E-05	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	3.22E-06	1.04E-06	1.82E-06	2.37E-06	3.23E-06	1.44E-05	139
1.99E 01	2.00E 01	2.23E 01	2.51E 01	4.39E-06	1.25E-06	2.49E-06	2.99E-06	4.11E-06	1.43E-05	114
2.51E 01	2.52E 01	2.82E 01	3.16E 01	7.17E-06	1.96E-06	3.59E-06	4.23E-06	5.87E-06	6.70E-05	65
3.16E 01	3.17E 01	3.55E 01	3.98E 01	1.26E-05	4.06E-06	5.38E-06	6.71E-06	1.37E-05	7.65E-05	53
3.98E 01	3.99E 01	4.53E 01	4.93E 01	2.59E-05	4.51E-06	7.68E-06	9.10E-06	1.63E-05	1.69E-04	35
5.01E 01	5.04E 01	5.69E 01	6.29E 01	3.62E-05	6.46E-06	1.07E-05	1.88E-05	2.66E-05	1.51E-04	18
6.31E 01	6.31E 01	6.92E 01	7.84E 01	4.97E-05	1.10E-05	1.35E-05	2.17E-05	2.84E-05	2.44E-04	22
7.94E 01	7.94E 01	9.03E 01	9.97E 01	4.36E-05	1.42E-05	2.97E-05	3.88E-05	5.05E-05	1.36E-04	10
1.00E 02	1.01E 02	1.09E 02	1.21E 02	7.18E-05	1.31E-05	2.90E-05	4.42E-05	4.33E-05	2.30E-04	4
1.26E 02	1.26E 02	1.40E 02	1.54E 02	4.31E-05	2.77E-05	2.94E-05	3.58E-05	4.48E-05	1.10E-04	11
1.59E 02	1.60E 02	1.69E 02	1.96E 02	1.17E-04	4.07E-05	4.60E-05	5.71E-05	1.66E-04	3.91E-04	5
2.00E 02	2.10E 02	2.15E 02	2.17E 02	1.96E-04	5.41E-05				2.79E-04	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	5.55E-05	5.55E-05				5.55E-05	1

TOTAL N: 4599

TABLE . % CANOLINA REFLECTIVITY FOR 1.37 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

[illegible] R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	3.66E-08	1.58E-08	2.54E-08	3.09E-08	4.15E-08	6.11E-08	55
1.26E-01	1.26E-01	1.43E-01	1.59E-01	5.17E-08	1.30E-08	3.54E-08	4.56E-08	6.81E-08	1.17E-07	92
1.59E-01	1.59E-01	1.77E-01	1.99E-01	6.93E-08	2.03E-08	4.22E-08	5.99E-08	8.24E-08	2.69E-07	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	1.06E-07	3.20E-08	6.83E-08	7.75E-08	1.13E-07	8.91E-07	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.15E-07	4.13E-08	7.27E-08	1.05E-07	1.40E-07	3.34E-07	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	1.69E-07	5.43E-08	9.67E-08	1.45E-07	1.94E-07	1.49E-06	131
3.98E-01	3.99E-01	4.45E-01	5.01E-01	2.17E-07	6.30E-08	1.26E-07	1.79E-07	2.76E-07	6.71E-07	144
5.01E-01	5.02E-01	5.65E-01	6.32E-01	3.35E-07	9.15E-08	1.71E-07	2.72E-07	4.00E-07	1.34E-06	173
6.31E-01	6.31E-01	7.06E-01	7.94E-01	4.52E-07	1.03E-07	2.61E-07	3.66E-07	5.11E-07	3.23E-06	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	6.39E-07	1.62E-07	3.28E-07	4.70E-07	7.39E-07	2.51E-06	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	9.12E-07	2.31E-07	4.52E-07	6.68E-07	1.02E-06	6.42E-06	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.28E-06	2.61E-07	6.11E-07	8.82E-07	1.33E-06	1.53E-05	249
1.58E 00	1.59E 00	1.79E 00	1.99E 00	1.78E-06	3.47E-07	7.94E-07	1.21E-06	2.10E-06	1.49E-05	269
1.99E 00	2.00E 00	2.24E 00	2.51E 00	2.31E-06	4.84E-07	1.11E-06	1.68E-06	2.72E-06	1.43E-05	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	3.38E-06	6.38E-07	1.61E-06	2.46E-06	4.16E-06	4.32E-05	266
3.16E 00	3.17E 00	3.56E 00	3.98E 00	4.22E-06	9.45E-07	2.12E-06	3.08E-06	4.94E-06	1.24E-05	262
3.98E 00	3.99E 00	4.49E 00	5.01E 00	5.73E-06	1.08E-06	2.93E-06	4.18E-06	6.46E-06	3.78E-05	265
5.01E 00	5.04E 00	5.67E 00	6.30E 00	7.00E-06	1.63E-06	3.68E-06	5.17E-06	8.48E-06	3.63E-05	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	1.07E-05	2.31E-06	5.26E-06	7.49E-06	1.12E-05	7.33E-05	223
7.94E 00	7.95E 00	8.95E 00	9.98E 00	1.36E-05	3.07E-06	6.50E-06	9.06E-06	1.70E-05	8.56E-05	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	1.98E-05	3.92E-06	9.48E-06	1.37E-05	2.52E-05	9.08E-05	184
1.26E 01	1.26E 01	1.40E 01	1.58E 01	2.62E-05	5.10E-06	1.36E-05	1.93E-05	3.20E-05	1.25E-04	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	3.31E-05	6.95E-06	1.62E-05	2.50E-05	4.02E-05	1.58E-04	139
1.99E 01	2.00E 01	2.23E 01	2.51E 01	4.52E-05	1.07E-05	2.76E-05	3.21E-05	5.12E-05	2.54E-04	114
2.51E 01	2.52E 01	2.82E 01	3.16E 01	6.82E-05	1.71E-05	3.81E-05	4.91E-05	7.81E-05	3.25E-04	65
3.16E 01	3.17E 01	3.55E 01	3.98E 01	1.26E-04	4.03E-05	6.09E-05	8.69E-05	1.54E-04	4.36E-04	53
3.98E 01	3.99E 01	4.53E 01	4.93E 01	1.89E-04	4.17E-05	9.25E-05	1.19E-04	1.90E-04	7.18E-04	35
5.01E 01	5.04E 01	5.69E 01	6.29E 01	2.68E-04	6.39E-05	1.31E-04	2.20E-04	3.07E-04	7.13E-04	18
6.31E 01	6.23E 01	6.92E 01	7.84E 01	3.55E-04	1.27E-04	1.77E-04	2.78E-04	3.29E-04	9.97E-04	22
7.94E 01	7.94E 01	9.05E 01	9.97E 01	4.55E-04	1.76E-04	3.66E-04	4.42E-04	5.42E-04	8.69E-04	10
1.00E 02	1.01E 02	1.09E 02	1.21E 02	4.09E-04	1.47E-04	3.83E-04	4.60E-04	8.16E-04	1.28E-03	9
1.26E 02	1.28E 02	1.40E 02	1.54E 02	4.84E-04	3.58E-04	3.77E-04	4.64E-04	5.64E-04	7.37E-04	11
1.59E 02	1.60E 02	1.40E 02	1.96E 02	8.69E-04	5.40E-04	5.83E-04	7.23E-04	1.07E-03	1.44E-03	5
2.00E 02	2.10E 02	2.15E 02	2.17E 02	9.66E-04	7.05E-04				1.37E-03	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	7.34E-04	7.34E-04				7.34E-04	1

TOTAL N: 4599

TABLE [illegible]. N. CAROLINA REFLECTIVITY FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	9.53E-07	3.68E-07	6.24E-07	7.94E-07	1.11E-06	2.76E-06	55
1.26E-01	1.26E-01	1.43E-01	1.56E-01	1.49E-06	2.93E-07	8.71E-07	1.23E-06	2.06E-06	3.43E-06	92
1.58E-01	1.59E-01	1.78E-01	1.94E-01	2.08E-06	4.70E-07	1.06E-06	1.83E-06	2.45E-06	7.46E-06	116
2.00E-01	2.00E-01	2.23E-01	2.45E-01	2.90E-06	7.60E-07	1.44E-06	2.15E-06	3.71E-06	1.16E-05	115
2.51E-01	2.52E-01	2.79E-01	3.15E-01	3.39E-06	9.71E-07	1.40E-06	2.91E-06	4.36E-06	9.95E-06	109
3.16E-01	3.17E-01	3.54E-01	3.94E-01	5.76E-06	1.23E-06	2.47E-06	4.27E-06	6.20E-06	1.38E-05	136
3.98E-01	3.99E-01	4.43E-01	5.01E-01	6.10E-06	1.50E-06	3.36E-06	5.12E-06	8.40E-06	1.82E-05	144
5.01E-01	5.02E-01	5.65E-01	6.43E-01	9.42E-06	2.15E-06	4.65E-06	8.47E-06	1.33E-05	2.63E-05	170
6.31E-01	6.32E-01	7.08E-01	7.94E-01	1.23E-05	2.35E-06	7.41E-06	1.15E-05	1.67E-05	3.95E-05	195
7.94E-01	7.95E-01	8.89E-01	1.00E 00	1.67E-05	3.87E-06	9.78E-06	1.44E-05	2.27E-05	4.78E-05	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	2.32E-05	5.69E-06	1.31E-05	2.08E-05	3.06E-05	5.86E-05	218
1.26E 00	1.26E 00	1.40E 00	1.58E 00	2.89E-05	6.32E-06	1.84 -05	2.72E-05	3.91E-05	6.73E-05	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	3.91E-05	8.32 06	2.35E-05	3.66E-05	5.41E-05	8.47E-05	245
2.00E 00	2.00E 00	2.24E 00	2.51E 00	5.33E-05	1.22E 05	3.36E-05	5.09E-05	7.22E-05	1.05E-04	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	7.18E-05	1.57E-05	4.77E-05	7.16E-05	9.52E-05	1.36E-04	262
3.16E 00	3.17E 00	3.55E 00	3.98E 00	9.33E-05	2.43E-05	6.73E-05	9.50E-05	1.19E-04	1.80E-04	262
3.98E 00	3.99E 00	4.47E 00	5.01E 00	1.21E-04	2.88E-05	8.48E-05	1.19E-04	1.50E-04	2.42E-04	269
5.01E 00	5.02E 00	5.63E 00	6.31E 00	1.59E-04	4.11E-05	1.16E-04	1.62E-04	1.91E-04	2.69E-04	232
6.31E 00	6.32E 00	7.09E 00	7.94E 00	2.07E-04	6.14E-05	1.53E-04	2.07E-04	2.67E-04	3.47E-04	203
7.94E 00	7.95E 00	8.92E 00	1.00E 01	2.61E-04	8.64E-05	2.02E-04	2.62E-04	3.01E-04	4.26E-04	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	3.19E-04	1.13E-04	2.42E-04	3.44E-04	4.04E-04	5.12E-04	148
1.26E 01	1.26E 01	1.40E 01	1.58E 01	4.43E-04	1.43E-04	3.43E-04	4.64E-04	5.15E-04	6.44E-04	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	5.46E-04	2.77E-04	5.08E-04	6.08E-04	6.40E-04	7.40E-04	142
2.00E 01	2.00E 01	2.23E 01	2.51E 01	7.52E-04	3.41E-04	6.66E-04	7.78E-04	8.56E-04	9.35E-04	114
2.51E 01	2.52E 01	2.82E 01	3.16E 01	9.46E-04	5.32E-04	9.46E-04	1.04E-03	1.13E-03	1.31E-03	68
3.16E 01	3.17E 01	3.55E 01	3.98E 01	1.27E-03	5.27E-04	1.17E-03	1.30E-03	1.44E-03	1.67E-03	53
3.98E 01	3.99E 01	4.47E 01	5.01E 01	1.60E-03	6.54E-04	1.52E-03	1.73E-03	1.97E-03	2.04E-03	45
5.01E 01	5.02E 01	5.65E 01	6.29E 01	1.44E-03	6.94E-04	1.77E-03	1.97E-03	2.23E-03	2.54E-03	14
6.31E 01	6.32E 01	7.09E 01	7.86E 01	2.30E-03	6.02E-04	2.12E-03	2.61E-03	2.83E-03	3.47E-03	20
7.94E 01	7.95E 01	8.92E 01	9.87E 01	2.38E-03	1.44E-03	2.42E-03	3.00E-03	3.13E-03	3.47E-03	10
1.00E 02	1.01E 02	1.12E 02	1.24E 02	3.27E-03	1.74E-03	2.69E-03	3.31E-03	3.92E-03	4.73E-03	4
1.26E 02	1.27E 02	1.40E 02	1.56E 02	5.14E-03	4.19E-04	4.77E-03	5.04E-03	5.59E-03	6.19E-03	11
1.58E 02	1.60E 02	1.76E 02	1.96E 02	4.00E-03	4.14E-04	5.09E-03	6.11E-03	7.01E-03	7.27E-03	5
2.00E 02	2.01E 02	2.21E 02	2.47E 02	7.24E-03	5.57E-04				8.66E-03	3
2.51E 02	2.52E 02	2.77E 02	3.09E 02	9.99E-03	9.99E-03				9.99E-03	1

TOTAL N: 4550

TABLE [illegible]. N. CAROLINA REFLECTIVITY FOR 0.44 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ETA (/M)	MIN ETA (/M)	25%TILE ETA (/M)	50%TILE ETA (/M)	75%TILE ETA (/M)	MAX ETA (/M)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	1.06E-05	5.74E-06	9.46E-06	1.09E-05	1.25E-05	1.63E-05	55
1.26E-01	1.26E-01	1.43E-01	1.56E-01	1.66E-05	6.63E-06	1.26E-05	1.45E-05	1.63E-05	2.36E-05	92
1.58E-01	1.59E-01	1.78E-01	1.94E-01	1.71E-05	6.90E-06	1.46E-05	1.77E-05	1.99E-05	2.61E-05	116
2.00E-01	2.00E-01	2.23E-01	2.51E-01	2.16E-05	6.74E-06	1.95E-05	2.26E-05	2.47E-05	3.15E-05	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	2.77E-05	1.07E-05	2.32E-05	2.87E-05	3.22E-05	4.14E-05	109
3.16E-01	3.17E-01	3.55E-01	3.98E-01	3.46E-05	9.04E-06	2.96E-05	3.56E-05	4.03E-05	4.71E-05	134
3.98E-01	3.99E-01	4.50E-01	5.01E-01	4.36E-05	2.02E-05	3.81E-05	4.47E-05	4.92E-05	6.36E-05	144
5.01E-01	5.02E-01	5.65E-01	6.30E-01	5.36E-05	1.51E-05	4.63E-05	5.56E-05	6.30E-05	7.71E-05	170
6.31E-01	6.32E-01	7.08E-01	7.94E-01	6.81E-05	2.44E-05	5.97E-05	7.03E-05	7.82E-05	9.42E-05	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	9.50E-05	1.79E-05	7.10E-05	8.85E-05	1.01E-04	1.24E-04	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	1.02E-04	1.96E-05	8.58E-05	1.07E-04	1.24E-04	1.55E-04	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.31E-04	1.61E-05	1.04E-04	1.38E-04	1.59E-04	1.94E-04	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.54E-04	2.03E-05	1.18E-04	1.72E-04	1.97E-04	2.48E-04	245
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.93E-04	2.44E-05	1.45E-04	2.00E-04	2.46E-04	3.21E-04	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.30E-04	3.19E-05	1.66E-04	2.30E-04	3.00E-04	4.06E-04	246
3.16E 00	3.17E 00	3.56E 00	3.98E 00	2.44E-04	5.89E-05	2.10E-04	2.90E-04	3.73E-04	4.77E-04	262
3.98E 00	3.99E 00	4.49E 00	5.01E 00	3.52E-04	4.70E-05	2.57E-04	3.55E-04	4.43E-04	5.39E-04	265
5.01E 00	5.02E 00	5.67E 00	6.30E 00	4.50E-04	5.19E-05	3.23E-04	4.61E-04	5.76E-04	7.84E-04	232
6.31E 00	6.32E 00	7.12E 00	7.94E 00	5.32E-04	1.12E-04	3.84E-04	5.33E-04	6.78E-04	1.0. -03	203
7.94E 00	7.95E 00	8.85E 00	9.95E 00	6.63E-04	8.53E-05	4.62E-04	6.74E-04	8.44E-04	1.2. 03	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	7.61E-04	1.60E-04	5.03E-04	7.63E-04	9.55E-04	1.55E-03	188
1.26E 01	1.26E 01	1.40E 01	1.58E 01	8.96E-04	1.41E-04	6.66E-04	9.03E-04	1.09E-03	1.88E-03	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.06E-03	2.65E-04	7.45E-04	1.03E-03	1.36E-03	2.23E-03	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	1.25E-03	3.74E-04	9.04E-04	1.22E-03	1.51E-03	2.64E-03	114
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.34E-03	4.99E-04	1.04E-03	1.32E-03	1.56E-03	3.12E-03	66
3.16E 01	3.19E 01	3.55E 01	3.98E 01	1.54E-03	9.14E-04	9.88E-04	1.47E-03	1.74E-03	2.29E-03	53
3.98E 01	3.99E 01	4.50E 01	4.93E 01	1.57E-03	6.99E-04	1.23E-03	1.60E-03	1.84E-03	3.08E-03	35
5.01E 01	5.04E 01	5.59E 01	6.29E 01	1.93E-03	1.13E-03	1.48E-03	2.03E-03	2.43E-03	2.79E-03	16
6.31E 01	6.33E 01	6.92E 01	7.86E 01	2.29E-03	1.30E-03	1.86E-03	2.33E-03	2.40E-03	4.37E-03	20
7.94E 01	7.96E 01	9.05E 01	9.87E 01	3.12E-03	1.76E-03	2.10E-03	2.97E-03	3.87E-03	4.71E-03	10
1.00E 02	1.01E 02	1.08E 02	1.21E 02	3.73E-03	2.06E-03	3.01E-03	3.74E-03	4.09E-03	4.73E-03	9
1.26E 02	1.28E 02	1.43E 02	1.54E 02	5.26E-03	4.16E-03	4.47E-03	5.23E-03	5.61E-03	7.14E-03	11
1.58E 02	1.65E 02	1.80E 02	1.96E 02	6.56E-03	5.58E-03	5.88E-03	6.69E-03	7.07E-03	7.49E-03	4
2.00E 02	2.10E 02	2.14E 02	2.17E 02	7.92E-03	6.79E-03				8.54E-03	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	1.23E-02	1.23E-02				1.23E-02	1

TOTAL N: 4550

TABLE . N. CAROLINA ATTENUATION FOR 10.0 CM, 10 DEGREES
TABULATED AS A FUNCTION OF RAINFALL RATE

INTERVALLE	MIN	MEAN	MAX	MEAN	MIN	25%TILE	50%TILE	75%TILE	MAX	
R	R	R	R	ATTN	ATTN	ATTN	ATTN	ATTN	ATTN	N
(MM/HR)	(MM/HR)	(MM/HR)	(MM/HR)	(DB/KM)	(DB/KM)	(DB/KM)	(DB/KM)	(DB/KM)	(DB/KM)	
1.00E-01	1.01E-01	1.11E-01	1.25E-01	6.07E-05	4.42E-05	5.39E-05	6.00E-05	6.49E-05	8.84E-05	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	7.40E-05	5.56E-05	6.58E-05	7.19E-05	7.98E-05	1.28E-04	92
1.59E-01	1.59E-01	1.78E-01	1.99E-01	9.33E-05	6.56E-05	8.14E-05	8.84E-05	1.04E-04	1.48E-04	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	1.14E-04	8.53E-05	1.00E-04	1.12E-04	1.25E-04	1.68E-04	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.43E-04	1.02E-04	1.28E-04	1.43E-04	1.55E-04	2.01E-04	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	1.76E-04	1.31E-04	1.61E-04	1.71E-04	1.97E-04	2.48E-04	139
3.98E-01	3.99E-01	4.45E-01	5.01E-01	2.22E-04	1.64E-04	1.95E-04	2.16E-04	2.40E-04	3.21E-04	144
5.01E-01	5.02E-01	5.65E-01	6.30E-01	2.68E-04	2.01E-04	2.32E-04	2.60E-04	2.95E-04	3.75E-04	170
6.31E-01	6.31E-01	7.10E-01	7.94E-01	3.30E-04	2.52E-04	2.97E-04	3.22E-04	3.50E-04	4.23E-04	195
7.94E-01	7.95E-01	8.93E-01	1.00E 00	4.09E-04	3.03E-04	3.67E-04	4.02E-04	4.44E-04	6.15E-04	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.97E-04	3.87E-04	4.51E-04	4.94E-04	5.32E-04	6.79E-04	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	6.33E-04	4.91E-04	5.81E-04	6.27E-04	6.89E-04	9.07E-04	249
1.59E 00	1.59E 00	1.78E 00	1.99E 00	7.84E-04	6.29E-04	7.23E-04	7.66E-04	8.37E-04	1.10E-03	265
2.00E 00	2.00E 00	2.24E 00	2.51E 00	9.67E-04	7.68E-04	8.93E-04	9.55E-04	1.02E-03	1.44E-03	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.20E-03	9.86E-04	1.11E-03	1.19E-03	1.26E-03	2.00E-03	246
3.16E 00	3.17E 00	3.54E 00	3.98E 00	1.49E-03	1.24E-03	1.41E-03	1.49E-03	1.57E-03	2.07E-03	262
3.98E 00	3.99E 00	4.45E 00	5.01E 00	1.88E-03	1.56E-03	1.74E-03	1.88E-03	1.98E-03	2.72E-03	265
5.01E 00	5.02E 00	5.67E 00	6.30E 00	2.35E-03	1.91E-03	2.21E-03	2.35E-03	2.46E-03	3.21E-03	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	2.94E-03	2.51E-03	2.77E-03	2.92E-03	3.10E-03	3.86E-03	203
7.94E 00	7.95E 00	8.95E 00	9.98E 00	3.65E-03	3.10E-03	3.49E-03	3.59E-03	3.87E-03	5.02E-03	225
1.00E 01	1.00E 01	1.13E 01	1.25E 01	4.52E-03	3.97E-03	4.23E-03	4.45E-03	4.75E-03	5.95E-03	188
1.26E 01	1.26E 01	1.42E 01	1.58E 01	5.71E-03	4.89E-03	5.33E-03	5.66E-03	6.02E-03	7.34E-03	158
1.59E 01	1.59E 01	1.77E 01	1.99E 01	7.18E-03	6.05E-03	6.65E-03	7.03E-03	7.55E-03	9.40E-03	139
2.00E 01	2.00E 01	2.24E 01	2.51E 01	9.06E-03	7.78E-03	8.39E-03	8.95E-03	9.46E-03	1.30E-02	116
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.14E-02	9.74E-03	1.05E-02	1.13E-02	1.19E-02	2.03E-02	65
3.16E 01	3.17E 01	3.55E 01	3.98E 01	1.47E-02	1.23E-02	1.34E-02	1.45E-02	1.54E-02	2.26E-02	43
3.98E 01	3.99E 01	4.45E 01	4.93E 01	1.94E-02	1.55E-02	1.71E-02	1.81E-02	1.93E-02	4.39E-02	35
5.01E 01	5.02E 01	5.65E 01	6.29E 01	2.49E-02	1.93E-02	2.06E-02	2.33E-02	2.52E-02	4.12E-02	18
6.31E 01	6.31E 01	6.92E 01	7.84E 01	3.21E-02	2.43E-02	2.67E-02	2.72E-02	3.19E-02	6.26E-02	20
7.94E 01	7.95E 01	9.35E 01	9.97E 01	3.67E-02	3.37E-02	3.55E-02	3.72E-02	4.21E-02	4.92E-02	10
1.00E 02	1.01E 02	1.09E 02	1.21E 02	4.87E-02	4.07E-02	4.27E-02	4.84E-02	5.16E-02	6.50E-02	9
1.26E 02	1.28E 02	1.40E 02	1.54E 02	5.73E-02	5.09E-02	5.35E-02	5.47E-02	6.11E-02	6.80E-02	11
1.59E 02	1.59E 02	1.43E 02	1.96E 02	8.31E 02	6.48E-02	6.99E 02	7.95E-02	9.04E-02	1.17E-01	5
2.00E 02	2.01E 02	2.21E 02	2.17E 02	9.78E-02	8.55E-02				1.14E-01	3
2.51E 02	2.66E 02	2.69E 02	2.66E 02	1.08E-01	1.08E-01				1.08E-01	1

TOTAL N: 4590

TABLE . N. CAROLINA ATTENUATION FOR 4.0 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

INTERVALLE	MIN	MEAN	MAX	MEAN	MIN	25%TILE	50%TILE	75%TILE	MAX	
R	R	R	R	ATTN	ATTN	ATTN	ATTN	ATTN	ATTN	N
(MM/HR)	(MM/HR)	(MM/HR)	(MM/HR)	(DB/KM)	(DB/KM)	(DB/KM)	(DB/KM)	(DB/KM)	(DB/KM)	
1.00E-01	1.01E-01	1.11E-01	1.25E-01	4.76E-04	4.01E-04	4.39E-04	4.68E-04	4.95E-04	6.09E-04	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	6.02E-04	5.12E-04	5.58E-04	5.88E-04	6.38E-04	8.52E-04	92
1.59E-01	1.59E-01	1.78E-01	1.99E-01	7.66E-04	6.33E-04	7.05E-04	7.54E-04	8.09E-04	1.04E-03	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	9.66E-04	7.99E-04	9.03E-04	9.40E-04	1.01E-03	1.78E-03	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	1.19E-03	9.92E-04	1.12E-03	1.19E-03	1.26E-03	1.44E-03	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	1.51E-03	1.25E-03	1.40E-03	1.49E-03	1.60E-03	2.71E-03	139
3.98E-01	3.99E-01	4.45E-01	5.01E-01	1.92E-03	1.59E-03	1.77E-03	1.88E-03	2.04E-03	2.40E-03	144
5.01E-01	5.02E-01	5.65E-01	6.30E-01	2.44E-03	1.97E-03	2.23E-03	2.39E-03	2.57E-03	3.58E-03	170
6.31E-01	6.31E-01	7.04E-01	7.94E-01	3.06E-03	2.57E-03	2.78E-03	2.98E-03	3.23E-03	6.11E-03	195
7.94E-01	7.95E-01	8.93E-01	1.00E 00	3.91E-03	3.23E-03	3.56E-03	3.80E-03	4.06E-03	5.82E-03	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.98E-03	4.06E-03	4.44E-03	4.78E-03	5.18E-03	1.21E-02	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	6.51E-03	5.07E-03	5.67E-03	6.06E-03	6.52E-03	3.34E-02	249
1.59E 00	1.59E 00	1.78E 00	1.99E 00	8.31E-03	6.24E-03	7.15E-03	7.79E-03	8.51E-03	3.46E-02	265
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.05E-02	7.83E-03	9.13E-03	9.79E-03	1.11E-02	2.53E-02	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.38E-02	9.98E-03	1.16E-02	1.26E-02	1.44E-02	8.50E-02	246
3.16E 00	3.17E 00	3.56E 00	3.98E 00	1.71E-02	1.24E-02	1.47E-02	1.61E-02	1.83E-02	3.87E-02	262
3.98E 00	3.99E 00	4.47E 00	5.01E 00	2.21E-02	1.59E-02	1.85E-02	2.05E-02	2.31E-02	7.50E-02	265
5.01E 00	5.04E 00	5.67E 00	6.30E 00	2.76E-02	1.98E-02	2.36E-02	2.58E-02	2.96E-02	7.57E-02	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	3.74E-02	2.52E-02	3.01E-02	3.32E-02	3.81E-02	1.46E-01	203
7.94E 00	7.95E 00	8.93E 00	9.98E 00	4.69E-02	3.17E-02	3.76E-02	4.14E-02	4.96E-02	1.74E-01	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	6.17E-02	4.06E-02	4.78E-02	5.50E-02	6.81E-02	1.78E-01	188
1.26E 01	1.26E 01	1.43E 01	1.58E 01	7.96E-02	5.07E-02	6.30E-02	7.11E-02	8.49E-02	2.38E-01	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.01E-01	6.61E-02	8.07E-02	9.01E-02	1.07E-01	3.35E-01	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	1.32E-01	9.13E-02	1.04E-01	1.15E-01	1.34E-01	5.11E-01	116
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.85E-01	1.09E-01	1.36E-01	1.50E-01	1.86E-01	6.65E-01	65
3.16E 01	3.17E 01	3.55E 01	3.98E 01	2.85E-01	1.66E-01	1.92E-01	2.21E-01	3.27E-01	7.91E-01	53
3.98E 01	3.99E 01	4.53E 01	4.93E 01	4.16E-01	1.96E-01	2.53E-01	2.91E-01	3.92E-01	1.48E 00	35
5.01E 01	5.04E 01	5.59E 01	6.29E 01	5.60E-01	2.46E-01	3.34E-01	4.78E-01	5.89E-01	1.50E 00	18
6.31E 01	6.23E 01	6.92E 01	7.84E 01	7.41E-01	3.81E-01	4.27E-01	5.79E-01	6.62E-01	1.93E 00	20
7.94E 01	7.68E 01	9.35E 01	9.97E 01	9.30E-01	4.97E-01	7.73E-01	8.96E-01	1.02E 00	1.64E 00	10
1.00E 02	1.01E 02	1.09E 02	1.21E 02	1.26E 00	5.15E-01	8.49E-01	9.76E-01	1.65E 00	2.42E 00	9
1.26E 02	1.28E 02	1.40E 02	1.54E 02	1.04E 00	8.60E-01	9.07E-01	1.07E 00	1.18E 00	1.61E 00	11
1.58E 02	1.59E 02	1.43E 02	1.96E 02	1.79E 00	1.20E 00	1.29E 00	1.56E 00	2.21E 00	2.82E 00	5
2.00E 02	2.01E 02	2.21E 02	2.17E 02	2.04E 00	1.57E 00				2.83E 00	3
2.51E 02	2.66E 02	2.69E 02	2.66E 02	1.76E 00	1.76E 00				1.76E 00	1

TOTAL N: 4590

TABLE [illegible] N. CAROLINA ATTENUATION FOR 3.2 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	8.23E-04	7.10E-04	7.63E-04	8.00E-04	8.78E-04	9.96E-04	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	1.06E-03	8.87E-04	9.77E-04	1.04E-03	1.11E-03	1.37E-03	92
1.58E-01	1.59E-01	1.78E-01	1.99E-01	1.35E-03	1.13E-03	1.25E-03	1.32E-03	1.41E-03	2.11E-03	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	1.72E-03	1.43E-03	1.58E-03	1.68E-03	1.78E-03	4.09E-03	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	2.11E-03	1.79E-03	1.97E-03	2.08E-03	2.24E-03	2.73E-03	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	2.72E-03	2.28E-03	2.48E-03	2.66E-03	2.82E-03	6.59E-03	139
3.98E-01	3.99E-01	4.45E-01	5.01E-01	3.46E-03	2.81E-03	3.16E-03	3.41E-03	3.63E-03	4.88E-03	144
5.01E-01	5.02E-01	5.63E-01	6.30E-01	4.48E-03	3.55E-03	4.04E-03	4.31E-03	4.66E-03	7.86E-03	170
6.31E-01	6.31E-01	7.04E-01	7.94E-01	5.69E-03	4.47E-03	4.97E-03	5.46E-03	5.96E-03	1.42E-02	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	7.35E-03	5.65E-03	6.42E-03	6.89E-03	7.67E-03	1.29E-02	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	9.50E-03	7.07E-03	8.02E-03	8.72E-03	1.00E-02	2.72E-02	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.24E-02	8.90E-03	1.03E-02	1.12E-02	1.27E-02	5.62E-02	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.62E-02	1.11E-02	1.30E-02	1.44E-02	1.73E-02	7.03E-02	245
2.00E 00	2.00E 00	2.24E 00	2.51E 00	2.05E-02	1.38E-02	1.69E-02	1.85E-02	2.24E-02	9.78E-02	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.70E-02	1.78E-02	2.15E-02	2.44E-02	2.95E-02	8.57E-02	246
3.16E 00	3.17E 00	3.54E 00	3.98E 00	3.42E-02	2.22E-02	2.76E-02	3.12E-02	3.77E-02	9.12E-02	262
3.98E 00	3.99E 00	4.49E 00	5.01E 00	4.43E-02	2.88E-02	3.50E-02	3.98E-02	4.81E-02	1.22E-01	265
5.01E 00	5.04E 00	5.67E 00	6.30E 00	5.52E-02	3.54E-02	4.43E-02	5.04E-02	5.97E-02	1.27E-01	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	7.46E-02	4.61E-02	5.74E-02	6.63E-02	7.93E-02	2.42E-01	203
7.94E 00	7.95E 00	8.95E 00	1.00E 01	9.31E-02	5.70E-02	7.17E-02	8.13E-02	1.05E-01	2.53E-01	225
1.00E 01	1.00E 01	1.13E 01	1.25E 01	1.25E-01	7.41E-02	9.23E-02	1.11E-01	1.47E-01	2.95E-01	188
1.26E 01	1.26E 01	1.42E 01	1.58E 01	1.62E-01	9.05E-02	1.24E-01	1.46E-01	1.82E-01	3.75E-01	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	2.05E-01	1.24E-01	1.62E-01	1.87E-01	2.31E-01	5.12E-01	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	2.67E-01	1.51E-01	2.04E-01	2.36E-01	2.91E-01	7.03E-01	116
2.51E 01	2.54E 01	2.82E 01	3.16E 01	3.66E-01	2.04E-01	2.83E-01	3.17E-01	3.96E-01	9.43E-01	65
3.16E 01	3.19E 01	3.55E 01	3.96E 01	5.76E-01	3.35E-01	4.06E-01	4.77E-01	6.88E-01	1.28E 00	53
3.98E 01	3.99E 01	4.50E 01	4.93E 01	7.69E 01	3.88E-01	5.44E-01	6.42E-01	8.67E-01	1.61E 00	35
5.01E 01	5.04E 01	5.54E 01	6.29E 01	1.04E 00	5.04E-01	7.22E-01	1.00E 00	1.21E 00	1.74E 00	18
6.31E 01	6.33E 01	6.92E 01	7.86E 01	1.34E 00	8.14E-01	9.32E-01	1.24E 00	1.42E 00	2.58E 00	20
7.94E 01	7.98E 01	8.95E 01	9.97E 01	1.84E 00	1.07E 00	1.54E 00	1.84E 00	2.17E 00	2.71E 00	10
1.00E 02	1.01E 02	1.08E 02	1.21E 02	2.27E 00	1.24E 00	1.92E 00	2.04E 00	2.45E 00	3.35E 00	9
1.26E 02	1.28E 02	1.40E 02	1.54E 02	2.27E 00	1.91E 00	1.98E 00	2.23E 00	2.50E 00	2.71E 00	11
1.58E 02	1.65E 02	1.80E 02	1.96E 02	3.39E 00	2.65E 00	2.83E 00	3.37E 00	3.80E 00	4.42E 00	5
2.00E 02	2.10E 02	2.14E 02	2.17E 02	3.86E 00	3.45E 00				4.40E 00	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	3.85E 00	3.85E 00				3.85E 00	1

TOTAL N: 4590

TABLE [illegible] N. CAROLINA ATTENUATION FOR 1.87 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	3.19E-03	2.67E-03	2.92E-03	3.06E-03	3.32E-03	4.52E-03	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	4.26E-03	3.34E-03	3.85E-03	4.18E-03	4.54E-03	5.97E-03	92
1.58E-01	1.59E-01	1.78E-01	1.99E-01	5.43E-03	4.27E-03	4.78E-03	5.13E-03	5.72E-03	1.05E-02	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	7.12E-03	5.49E-03	6.03E-03	6.59E-03	7.52E-03	1.75E-02	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	9.68E-03	6.88E-03	7.51E-03	8.34E-03	9.54E-03	1.38E-02	109
3.16E-01	3.17E-01	3.54E-01	3.98E-01	1.13E-02	8.46E-03	9.82E-03	1.08E-02	1.21E-02	2.32E-02	139
3.98E-01	3.99E-01	4.50E-01	5.01E-01	1.46E-02	1.07E-02	1.25E-02	1.37E-02	1.62E-02	2.40E-02	144
5.01E-01	5.02E-01	5.63E-01	6.30E-01	1.94E-02	1.36E-02	1.63E-02	1.82E-02	2.17E-02	3.69E-02	170
6.31E-01	6.31E-01	7.08E-01	7.94E-01	2.47E-02	1.70E-02	2.06E-02	2.31E-02	2.74E-02	4.98E-02	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	3.23E-02	2.16E-02	2.63E-02	2.95E-02	3.64E-02	5.67E-02	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	4.22E-02	2.70E-02	3.37E-02	3.98E-02	4.86E-02	7.94E-02	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	5.37E-02	3.47E-02	4.31E-02	5.06E-02	6.08E-02	1.19E-01	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	7.02E-02	4.39E-02	5.46E-02	6.60E-02	8.26E-02	1.33E-01	245
2.00E 00	2.00E 00	2.24E 00	2.51E 00	9.13E-02	5.64E-02	7.24E-02	8.57E-02	1.10E-01	1.53E-01	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	1.20E-01	6.98E-02	9.55E-02	1.17E-01	1.41E-01	2.22E-01	246
3.16E 00	3.17E 00	3.56E 00	3.98E 00	1.53E-01	8.82E-02	1.26E-01	1.49E-01	1.80E-01	2.66E-01	262
3.98E 00	3.99E 00	4.49E 00	5.01E 00	1.97E-01	1.11E-01	1.62E-01	1.94E-01	2.26E-01	3.38E-01	265
5.01E 00	5.04E 00	5.67E 00	6.30E 00	2.48E-01	1.43E-01	2.06E-01	2.41E-01	2.78E-01	3.96E-01	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	3.25E-01	1.99E-01	2.70E-01	3.19E-01	3.70E-01	5.43E-01	203
7.94E 00	7.95E 00	8.95E 00	9.98E 00	4.05E-01	2.43E-01	3.35E-01	3.91E-01	4.59E-01	6.94E-01	225
1.00E 01	1.00E 01	1.11E 01	1.25E 0	5.36E-01	3.04E-01	4.39E-01	5.23E-01	6.24E-01	8.40E-01	188
1.26E 01	1.26E 01	1.43E 01	1.58E 01	6.94E-01	3.77E-01	5.94E-01	6.87E 01	7.85E-01	1.36E 00	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	8.93E-01	5.61E-01	7.71E-01	8.77E-01	9.94E-01	1.36E 00	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	1.15E 00	6.71E-01	9.95E-01	1.15E 00	1.28E 00	1.70E 00	116
2.51E 01	2.54E 01	2.82E 01	3.16E 01	1.54E 00	9.55E-01	1.39E 00	1.61E 00	1.69E 00	2.25E 00	65
3.16E 01	3.19E 01	3.55E 01	3.96E 01	2.11E 00	1.60E 00	1.83E 00	2.09E 00	2.30E 00	2.96E 00	53
3.98E 01	3.99E 01	4.50E 01	4.93E 01	2.78E 00	1.94E 00	2.49E 00	2.71E 00	3.02E 00	3.93E 00	35
5.01E 01	5.04E 01	5.59E 01	6.29E 01	3.51E 00	2.59E 00	3.04E 00	3.42E 00	4.00E 00	4.44E 00	18
6.31E 01	6.33E 01	6.92E 01	7.86E 01	4.42E 00	3.57E 00	3.96E 00	4.16E 00	4.78E 00	5.40E 00	20
7.94E 01	7.98E 01	9.05E 01	9.97E 01	5.77E 00	4.69E 00	4.90E 00	5.93E 00	6.09E 00	7.02E 00	10
1.00E 02	1.01E 02	1.08E 02	1.21E 02	6.90E 00	4.95E 00	6.23E 00	7.24E 00	7.59E 00	8.14E 00	9
1.26E 02	1.28E 02	1.40E 02	1.54E 02	8.41E 00	7.70E 00	7.87E 00	8.43E 00	8.87E 00	9.44E 00	11
1.58E 02	1.65E 02	1.80E 02	1.96E 02	1.13E 01	9.93E 00	1.07E 01	1.12E 01	1.21E 01	1.22E 01	5
2.00E 02	2.10E 02	2.14E 02	2.17E 02	1.33E 01	1.32E 01				1.33E 01	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	1.50E 01	1.50E 01				1.50E 01	1

TOTAL N: 4590

TABLE . . N. CAROLINA ATTENUATION FOR 0.86 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	2.11E-02	1.69E-02	1.92E-02	2.07E-02	2.29E-02	2.91E-02	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	2.84E-02	2.15E-02	2.53E-02	2.77E-02	3.12E-02	3.81E-02	92
1.58E-01	1.59E-01	1.74E-01	1.99E-01	3.56E-02	2.63E-02	3.14E-02	3.45E-02	3.86E-02	5.37E-02	116
2.00E-01	2.00E-01	2.25E-01	2.51E-01	4.42E-02	3.44E-02	4.02E-02	4.43E-02	5.19E-02	6.92E-02	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	5.72E-02	4.27E-02	5.00E-02	5.71E-02	6.37E-02	7.93E-02	109
3.16E-01	3.17E-01	3.59E-01	3.98E-01	7.37E-02	5.29E-02	6.61E-02	7.32E-02	8.17E-02	1.07E-01	119
3.98E-01	3.99E-01	4.53E-01	5.01E-01	9.36E-02	6.65E-02	8.25E-02	9.40E-02	1.04E-01	1.33E-01	144
5.01E-01	5.02E-01	5.69E-01	6.30E-01	1.24E-01	8.69E-02	1.08E-01	1.23E-01	1.37E-01	1.77E-01	177
6.31E-01	6.31E-01	7.08E-01	7.94E-01	1.57E-01	1.09E-01	1.40E-01	1.57E-01	1.74E-01	2.11E-01	195
7.94E-01	7.94E-01	8.95E-01	1.00E 00	2.02E-01	1.47E-01	1.79E-01	2.01E-01	2.24E-01	2.82E-01	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	2.59E-01	1.78E-01	2.31E-01	2.58E-01	2.87E-01	3.57E-01	214
1.26E 00	1.26E 00	1.42E 00	1.58E 00	3.28E-01	2.25E-01	2.93E-01	3.31E-01	3.62E-01	4.36E-01	241
1.58E 00	1.59E 00	1.78E 00	1.99E 00	4.13E-01	2.88E-01	3.71E-01	4.15E-01	4.61E-01	5.46E-01	245
2.00E 00	2.00E 00	2.24E 00	2.51E 00	5.20E-01	3.71E-01	4.69E-01	5.22E-01	5.88E-01	7.37E-01	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	6.91E-01	4.51E-01	6.23E-01	6.96E-01	7.61E-01	9.15E-01	246
3.16E 00	3.17E 00	3.56E 00	3.98E 00	8.86E-01	6.07E-01	8.35E-01	8.86E-01	9.59E-01	1.14E 00	262
3.98E 00	3.99E 00	4.47E 00	5.01E 00	1.12E 00	7.51E-01	1.03E 00	1.12E 00	1.22E 00	1.40E 00	265
5.01E 00	5.02E 00	5.63E 00	6.30E 00	1.43E 00	9.61E-01	1.36E 00	1.44E 00	1.53E 00	1.75E 00	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	1.81E 00	1.24E 00	1.67E 00	1.80E 00	1.94E 00	2.21E 00	203
7.94E 00	7.95E 00	8.95E 00	9.98E 00	2.25E 00	1.61E 00	2.10E 00	2.24E 00	2.40E 00	2.78E 00	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	2.86E 00	2.13E 00	2.65E 00	2.83E 00	3.06E 00	3.50E 00	188
1.26E 01	1.26E 01	1.42E 01	1.58E 01	3.65E 00	2.54E 00	3.45E 00	3.64E 00	3.84E 00	4.39E 00	154
1.58E 01	1.59E 01	1.77E 01	1.99E 01	4.67E 00	3.65E 00	4.65E 00	4.95E 00	5.47E 00	6.37E 00	149
2.00E 01	2.00E 01	2.23E 01	2.51E 01	5.80E 00	4.84E 00	5.53E 00	5.84E 00	6.37E 00	6.91E 00	114
2.51E 01	2.52E 01	2.82E 01	3.16E 01	7.51E 00	5.66E 00	7.18E 00	7.63E 00	7.99E 00	8.73E 00	65
3.16E 01	3.17E 01	3.56E 01	3.98E 01	9.24E 00	5.72E 00	8.62E 00	9.38E 00	9.94E 00	1.11E 01	53
3.98E 01	3.99E 01	4.47E 01	4.93E 01	1.15E 01	5.44E 00	1.12E 01	1.20E 01	1.27E 01	1.35E 01	35
5.01E 01	5.02E 01	5.63E 01	6.29E 01	1.34E 01	7.82E 00	1.33E 01	1.43E 01	1.49E 01	1.65E 01	18
6.31E 01	6.31E 01	6.92E 01	7.84E 01	1.69E 01	9.45E 00	1.59E 01	1.76E 01	1.90E 01	2.03E 01	23
7.94E 01	7.58E 01	9.35E 01	9.97E 01	2.21E 01	1.96E 01	2.09E 01	2.26E 01	2.32E 01	2.43E 01	10
1.00E 02	1.01E 02	1.23E 02	1.21E 02	2.59E 01	1.80E 01	2.24E 01	2.67E 01	2.80E 01	3.23E 01	9
1.26E 02	1.26E 02	1.42E 02	1.56E 02	3.66E 01	3.40E 01	3.46E 01	3.56E 01	3.77E 01	4.17E 01	11
1.58E 02	1.65E 02	1.83E 02	1.98E 02	4.43E 01	3.70E 01	4.16E 01	4.34E 01	4.79E 01	5.13E 01	5
2.00E 02	2.10E 02	2.14E 02	2.17E 02	5.31E 01	4.68E 01				5.71E 01	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	6.92E 01	6.92E 01				6.92E 01	1

TOTAL N: 4590

TABLE . . N. CAROLINA ATTENUATION FOR 0.43 CM, 10 DEGREES C
TABULATED AS A FUNCTION OF RAINFALL RATE

THRESHOLD R (MM/HR)	MIN R (MM/HR)	MEAN R (MM/HR)	MAX R (MM/HR)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-01	1.01E-01	1.11E-01	1.25E-01	1.03E-01	7.62E-02	9.90E-02	1.02E-01	1.04E-01	1.22E-01	55
1.26E-01	1.26E-01	1.43E-01	1.58E-01	1.31E-01	1.03E-01	1.22E-01	1.31E-01	1.42E-01	1.53E-01	92
1.58E-01	1.59E-01	1.74E-01	1.99E-01	1.65E-01	8.12E-02	1.49E-01	1.61E-01	1.73E-01	1.96E-01	116
2.00E-01	2.00E-01	2.23E-01	2.51E-01	1.99E-01	9.14E-02	1.89E-01	2.04E-01	2.18E-01	2.39E-01	115
2.51E-01	2.52E-01	2.82E-01	3.16E-01	2.53E-01	1.70E-01	2.37E-01	2.53E-01	2.74E-01	3.17E-01	109
3.16E-01	3.17E-01	3.56E-01	3.98E-01	3.13E-01	1.16E-01	2.99E-01	3.20E-01	3.44E-01	3.98E-01	119
3.98E-01	3.99E-01	4.50E-01	5.01E-01	3.95E-01	2.54E-01	3.61E-01	3.97E-01	4.34E-01	4.93E-01	144
5.01E-01	5.02E-01	5.65E-01	6.30E-01	4.79E-01	2.69E-01	4.23E-01	4.87E-01	5.42E-01	6.19E-01	177
6.31E-01	6.31E-01	7.13E-01	7.94E-01	5.97E-01	3.21E-01	5.47E-01	6.11E-01	6.61E-01	7.54E-01	195
7.94E-01	7.95E-01	8.95E-01	1.00E 00	7.43E-01	3.49E-01	6.55E-01	7.77E-01	8.54E-01	9.77E-01	210
1.00E 00	1.01E 00	1.12E 00	1.25E 00	8.95E 01	3.48E-01	7.71E-01	9.29E-01	1.03E 00	1.23E 00	218
1.26E 00	1.26E 00	1.42E 00	1.58E 00	1.14E 00	3.84E-01	9.74E-01	1.22E 00	1.30E 00	1.56E 00	249
1.58E 00	1.59E 00	1.78E 00	1.99E 00	1.39E 00	3.66E-01	1.17E 00	1.44E 00	1.62E 00	1.92E 00	245
2.00E 00	2.00E 00	2.24E 00	2.51E 00	1.70E 00	5.68E-01	1.43E 00	1.70E 00	1.99E 00	2.43E 00	271
2.51E 00	2.52E 00	2.82E 00	3.16E 00	2.06E 00	6.03E-01	1.67E 00	2.06E 00	2.43E 00	3.13E 00	246
3.16E 00	3.17E 00	3.56E 00	3.98E 00	2.57E 00	1.35E 00	2.13E 00	2.59E 00	3.03E 00	3.92E 00	262
3.98E 00	3.99E 00	4.49E 00	5.01E 00	3.16E 00	1.01E 00	2.60E 00	3.15E 00	3.73E 00	4.82E 00	265
5.01E 00	5.02E 00	5.67E 00	6.30E 00	4.00E 00	1.78E 00	3.35E 00	4.07E 00	4.67E 00	5.97E 00	232
6.31E 00	6.31E 00	7.12E 00	7.94E 00	4.82E 00	2.02E 00	4.05E 00	4.81E 00	5.51E 00	7.05E 00	203
7.94E 00	7.95E 00	8.95E 00	9.98E 00	5.97E 00	2.09E 00	4.92E 00	6.01E 00	7.01E 00	9.37E 00	225
1.00E 01	1.00E 01	1.11E 01	1.25E 01	7.00E 00	3.23E 00	5.80E 00	7.14E 00	8.02E 00	1.19E 01	198
1.26E 01	1.26E 01	1.40E 01	1.58E 01	8.63E 00	3.47E 00	7.51E 00	8.69E 00	9.83E 00	1.43E 01	158
1.58E 01	1.59E 01	1.77E 01	1.99E 01	1.06E 01	5.31E 00	9.09E 00	1.06E 01	1.21E 01	1.72E 01	139
2.00E 01	2.00E 01	2.23E 01	2.51E 01	1.29E 01	6.56E 00	1.08E 01	1.27E 01	1.46E 01	2.11E 01	114
2.51E 01	2.52E 01	2.82E 01	3.16E 01	1.51E 01	7.07E 00	1.35E 01	1.56E 01	1.66E 01	2.48E 01	65
3.16E 01	3.17E 01	3.55E 01	3.56E 01	1.66E 01	7.71E 00	1.44E 01	1.74E 01	1.96E 01	2.21E 01	53
3.98E 01	3.99E 01	4.50E 01	4.93E 01	1.98E 01	1.73E 01	1.72E 01	2.05E 01	2.25E 01	2.86E 01	35
5.01E 01	5.04E 01	5.59E 01	6.29E 01	2.41E 01	1.36E 01	2.08E 01	2.42E 01	2.82E 01	2.95E 01	18
6.31E 01	6.33E 01	6.92E 01	7.84E 01	2.87E 01	1.60E 01	2.57E 01	2.92E 01	3.18E 01	4.47E 01	20
7.94E 01	7.58E 01	9.05E 01	9.97E 01	3.75E 01	2.85E 01	3.18E 01	3.58E 01	4.35E 01	4.90E 01	10
1.00E 02	1.01E 02	1.34E 02	1.21E 02	4.49E 01	2.67E 01	3.98E 01	4.66E 01	5.04E 01	6.27E 01	9
1.26E 02	1.28E 02	1.40E 02	1.56E 02	6.46E 01	5.88E 01	6.12E 01	6.31E 01	6.51E 01	7.56E 01	11
1.58E 02	1.65E 02	1.80E 02	1.98E 02	7.85E 01	6.72E 01	7.43E 01	7.84E 01	8.43E 01	8.65E 01	5
2.00E 02	2.10E 02	2.14E 02	2.17E 02	9.44E 01	9.01E 01				1.00E 02	3
2.51E 02	2.66E 02	2.66E 02	2.66E 02	1.37E 02	1.37E 02				1.37E 02	1

TOTAL N: 4595

TABLE ... N. CAROLINA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-11	1.02E-11	1.12E-11	1.21E-11	5.96E-02	5.08E-02				7.00E-02	3
1.26E-11	1.31E-11	1.42E-11	1.58E-11	6.49E-02	5.19E-02	5.52E-02	5.93E-02	7.68E-02	8.96E-02	15
1.58E-11	1.62E-11	1.83E-11	1.99E-11	7.00E-02	5.03E-02	5.54E-02	6.50E-02	7.56E-02	1.45E-01	25
2.00E-11	2.00E-11	2.25E-11	2.49E-11	7.73E-02	5.35E-02	6.49E-02	7.47E-02	8.76E-02	1.18E-01	44
2.51E-11	2.52E-11	2.81E-11	3.15E-11	1.04E-01	5.13E-02	7.17E-02	9.31E-02	1.30E-01	1.75E-01	34
3.16E-11	3.17E-11	3.55E-11	3.91E-11	1.14E-01	6.18E-02	8.80E-02	1.10E-01	1.34E-01	1.74E-01	44
3.98E-11	3.99E-11	4.48E-11	5.00E-11	1.31E-01	6.54E-02	9.45E-02	1.26E-01	1.58E-01	2.47E-01	61
5.01E-11	5.07E-11	5.63E-11	6.30E-11	1.61E-01	8.43E-02	1.30E-01	1.55E-01	1.83E-01	2.85E-01	70
6.31E-11	6.32E-11	7.05E-11	7.94E-11	2.08E-01	8.81E-02	1.67E-01	2.17E-01	2.54E-01	3.67E-01	79
7.94E-11	7.95E-11	8.93E-11	1.00E-10	2.31E-01	9.09E-02	1.66E-01	2.13E-01	2.87E-01	4.35E-01	101
1.00E-10	1.01E-10	1.12E-10	1.25E-10	2.74E-01	1.16E-01	1.93E-01	2.57E-01	3.42E-01	5.51E-01	81
1.26E-10	1.27E-10	1.42E-10	1.58E-10	3.30E-01	1.37E-01	2.35E-01	3.13E-01	4.01E-01	7.21E-01	98
1.58E-10	1.59E-10	1.78E-10	1.99E-10	4.06E-01	1.91E-01	2.97E-01	3.87E-01	4.92E-01	7.93E-01	99
2.00E-10	2.00E-10	2.24E-10	2.51E-10	4.70E-01	1.87E-01	3.27E-01	4.68E-01	5.93E-01	9.23E-01	122
2.51E-10	2.52E-10	2.84E-10	3.16E-10	5.40E-01	1.64E-01	3.73E-01	5.06E-01	6.70E-01	1.03E 00	105
3.16E-10	3.17E-10	3.59E-10	3.97E-10	6.79E-01	2.04E-01	5.01E-01	6.63E-01	8.33E-01	1.49E 00	133
3.98E-10	4.02E-10	4.55E-10	5.01E-10	8.00E-01	3.32E-01	5.56E-01	7.30E-01	9.98E-01	1.73E 00	145
5.01E-10	5.03E-10	5.63E-10	6.30E-10	9.74E-01	3.59E-01	6.80E-01	8.76E-01	1.19E 00	2.11E 00	155
6.31E-10	6.32E-10	7.11E-10	7.94E-10	1.14E 00	2.50E-01	7.86E-01	1.09E 00	1.40E 00	2.43E 00	158
7.94E-10	7.95E-10	8.93E-10	1.00E-09	1.33E 00	5.03E-01	9.22E-01	1.32E 00	1.65E 00	2.74E 00	164
1.00E-09	1.01E-09	1.12E-09	1.25E-09	1.56E 00	3.28E-01	1.12E 00	1.46E 00	1.90E 00	3.26E 00	176
1.26E-09	1.26E-09	1.42E-09	1.58E-09	1.87E 00	5.99E-01	1.32E 00	1.71E 00	2.31E 00	4.19E 00	175
1.58E-09	1.59E-09	1.78E-09	1.99E-09	2.07E 00	7.21E-01	1.39E 00	2.00E 00	2.52E 00	4.96E 00	190
2.00E-09	2.00E-09	2.26E-09	2.51E-09	2.58E 00	7.47E-01	1.80E 00	2.36E 00	3.12E 00	5.77E 00	173
2.51E-09	2.52E-09	2.82E-09	3.16E-09	2.90E 00	1.05E 00	2.14E 00	2.69E 00	3.60E 00	7.02E 00	176
3.16E-09	3.17E-09	3.56E-09	3.98E-09	3.53E 00	1.05E 00	2.55E 00	3.37E 00	4.27E 00	8.49E 00	215
3.98E-09	3.99E-09	4.50E-09	5.00E-09	4.20E 00	1.01E 00	2.99E 00	4.00E 00	5.27E 00	9.67E 00	211
5.01E-09	5.02E-09	5.59E-09	6.30E-09	5.05E 00	1.43E 00	3.67E 00	4.79E 00	6.19E 00	1.06E 01	200
6.31E-09	6.31E-09	7.11E-09	7.94E-09	5.97E 00	1.94E 00	4.33E 00	5.76E 00	7.22E 00	1.28E 01	214
7.94E-09	7.95E-09	8.96E-09	9.99E-09	7.27E 00	2.06E 00	5.48E 00	7.26E 00	8.83E 00	1.49E 01	171
1.00E-08	1.00E-08	1.11E-08	1.25E-08	8.31E 00	1.55E 00	6.83E 00	8.61E 00	9.91E 00	1.79E 01	166
1.26E-08	1.26E-08	1.42E-08	1.58E-08	1.03E 01	1.69E 00	7.67E 00	1.05E 01	1.24E 01	2.04E 01	141
1.58E-08	1.59E-08	1.79E-08	1.99E-08	1.21E 01	4.57E 00	8.89E 00	1.21E 01	1.46E 01	2.55E 01	136
2.00E-08	2.00E-08	2.24E-08	2.51E-08	1.44E 01	4.54E 00	1.07E 01	1.43E 01	1.76E 01	3.03E 01	115
2.51E-08	2.52E-08	2.82E-08	3.16E-08	1.69E 01	4.28E 00	1.26E 01	1.64E 01	2.02E 01	2.91E 01	123
3.16E-08	3.17E-08	3.56E-08	3.98E-08	1.79E 01	2.61E 00	1.37E 01	1.83E 01	2.26E 01	2.93E 01	85
3.98E-08	3.99E-08	4.43E-08	5.00E-08	2.22E 01	7.32E 00	1.81E 01	2.31E 01	2.76E 01	3.94E 01	64
5.01E-08	5.04E-08	5.60E-08	6.30E-08	2.42E 01	7.34E 00	1.69E 01	2.58E 01	3.06E 01	4.35E 01	54
6.31E-08	6.32E-08	7.01E-08	7.85E-08	3.09E 01	9.06E 00	2.28E 01	3.20E 01	3.92E 01	5.23E 01	41
7.94E-08	8.01E-08	9.00E-08	9.98E-08	3.59E 01	1.27E 01	2.73E 01	3.81E 01	4.40E 01	5.11E 01	28
1.00E-07	1.02E-07	1.11E-07	1.23E-07	3.74E 01	1.59E 01	2.91E 01	4.09E 01	4.71E 01	5.36E 01	14
1.26E-07	1.27E-07	1.40E-07	1.54E-07	4.70E 01	2.75E 01	3.24E 01	4.61E 01	6.17E 01	1.01E 02	25
1.58E-07	1.62E-07	1.74E-07	1.99E-07	5.36E 01	1.72E 01	3.55E 01	5.28E 01	6.50E 01	8.84E 01	15
2.00E-07	2.01E-07	2.24E-07	2.49E-07	5.90E 01	2.17E 01	4.12E 01	6.28E 01	7.13E 01	1.05E 02	18
2.51E-07	2.71E-07	2.89E-07	3.10E-07	8.11E 01	3.66E 01	4.31E 01	6.54E 01	1.10E 02	1.36E 02	9
3.16E-07	3.19E-07	3.55E-07	3.88E-07	1.04E 02	3.08E 01	8.69E 01	1.05E 02	1.34E 02	1.54E 02	14
3.98E-07	4.04E-07	4.40E-07	4.79E-07	1.17E 02	4.79E 01	9.47E 01	1.40E 02	1.57E 02	1.77E 02	9
5.01E-07	5.11E-07	5.71E-07	6.23E-07	1.75E 02	1.10E 02	1.19E 02	1.71E 02	2.14E 02	2.65E 02	9
6.31E-07	6.41E-07	6.91E-07	7.66E-07	3.41E 01	4.06E 01	4.42E 01	5.80E 01	1.21E 02	2.17E 02	9
7.94E-07	8.15E-07	9.16E-07	9.52E-07	7.16E 01	6.77E 01				7.55E 01	3
1.00E-06	1.14E-06	1.14E-06	1.14E-06	8.48E 01	7.36E 01				1.34E 02	2
1.26E-06	1.46E-06	1.46E-06	1.46E-06	2.10E 02	2.10E 02				2.10E 02	1
1.59E-06	1.69E-06	1.69E-06	1.69E-06	1.80E 02	1.80E 02				1.80E 02	1

TOTAL N: 4737

TABLE —, N. CAROLINA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
2.00E-10	2.21E-10	2.21E-10	2.21E-10	5.43E-02	5.43E-02				5.43E-02	1
2.91E-10	3.13E-10	3.13E-10	3.13E-10	5.02E-02	5.02E-02				5.02E-02	1
3.16E-10	3.62E-10	3.78E-10	3.94E-10	5.59E-02	5.40E-02				5.79E-02	2
4.34E-10	4.53E-10	4.53E-10	4.69E-10	6.04E-02	5.08E-02				7.00E-02	2
5.31E-10	5.65E-10	5.56E-10	6.24E-10	6.36E-02	5.19E-02	5.46E-02	5.89E-02	7.07E-02	8.96E-02	17
6.41E-10	6.79E-10	7.22E-10	7.94E-10	7.16E-02	5.03E-02	5.61E-02	6.53E-02	7.79E-02	1.05E-01	24
7.94E-10	8.02E-10	8.91E-10	9.99E-10	8.02E-02	5.35E-02	6.96E-02	7.66E-02	8.96E-02	1.72E-01	44
1.00E-09	1.01E-09	1.12E-09	1.25E-09	1.08E-01	5.13E-02	8.42E-02	1.03E-01	1.35E-01	1.75E-01	30
1.26E-09	1.27E-09	1.41E-09	1.58E-09	1.12E-01	6.28E-02	8.55E-02	1.07E-01	1.36E-01	2.07E-01	50
1.58E-09	1.65E-09	1.79E-09	1.99E-09	1.35E-01	7.14E-02	9.72E-02	1.32E-01	1.70E-01	2.47E-01	66
2.00E-09	2.00E-09	2.26E-09	2.51E-09	1.72E-01	8.78E-02	1.39E-01	1.65E-01	2.11E-01	2.89E-01	72
2.51E-09	2.52E-09	2.85E-09	3.16E-09	2.13E-01	8.81E-02	1.67E-01	2.13E-01	2.94E-01	4.31E-01	87
3.16E-09	3.18E-09	3.59E-09	3.97E-09	2.31E-01	1.03E-01	1.66E-01	2.13E-01	2.84E-01	4.35E-01	95
3.94E-09	3.99E-09	4.47E-09	5.00E-09	2.87E-01	1.42E-01	1.99E-01	2.61E-01	3.77E-01	5.51E-01	77
5.01E-09	5.02E-09	5.64E-09	6.28E-09	3.47E-01	1.51E-01	2.56E-01	3.23E-01	4.19E-01	7.21E-01	106
6.31E-09	6.33E-09	7.11E-09	7.93E-09	4.13E-01	1.91E-01	3.12E-01	4.00E-01	4.94E-01	7.93E-01	100
7.94E-09	7.93E-09	8.85E-09	1.00E-08	4.84E-01	1.84E-01	3.41E-01	4.84E-01	6.19E-01	9.46E-01	122
1.00E-08	1.01E-08	1.13E-08	1.25E-08	5.69E-01	1.99E-01	4.07E-01	5.45E-01	6.98E-01	1.09E 00	106
1.26E-08	1.26E-08	1.41E-08	1.58E-08	6.81E-01	2.04E-01	5.01E-01	6.68E-01	8.52E-01	1.49E 00	133
1.58E-08	1.58E-08	1.77E-08	1.99E-08	8.21E-01	3.32E-01	6.05E-01	7.52E-01	1.03E 00	1.73E 00	160
2.00E-08	2.00E-08	2.24E-08	2.51E-08	9.53E-01	2.53E-01	7.17E-01	9.17E-01	1.13E 00	2.11E 00	154
2.51E-08	2.52E-08	2.80E-08	3.15E-08	1.14E 00	3.03E-01	8.10E-01	1.11E 00	1.47E 00	2.65E 00	177
3.16E-08	3.17E-08	3.53E-08	3.98E-08	1.37E 00	3.28E-01	9.94E-01	1.35E 00	1.65E 00	2.74E 00	176
3.98E-08	3.99E-08	4.44E-08	5.01E-08	1.64E 00	5.99E-01	1.21E 00	1.53E 00	1.94E 00	3.26E 00	176
5.01E-08	5.02E-08	5.60E-08	6.33E-08	1.94E 00	6.68E-01	1.35E 00	1.86E 00	2.35E 00	4.31E 00	193
6.31E-08	6.31E-08	7.03E-08	7.93E-08	2.20E 00	7.47E-01	1.55E 00	2.13E 00	2.70E 00	4.96E 00	171
7.94E-08	7.95E-08	8.84E-08	9.97E-08	2.68E 00	1.02E 00	1.94E 00	2.48E 00	3.22E 00	5.77E 00	189
1.00E-07	1.00E-07	1.11E-07	1.25E-07	3.06E 00	1.05E 00	2.28E 00	2.89E 00	3.70E 00	7.02E 00	180
1.26E-07	1.26E-07	1.41E-07	1.58E-07	3.72E 00	1.01E 00	2.61E 00	3.51E 00	4.50E 00	8.48E 00	214
1.58E-07	1.59E-07	1.77E-07	1.99E-07	4.50E 00	1.39E 00	3.34E 00	4.22E 00	5.48E 00	1.06E 01	224
2.00E-07	2.00E-07	2.24E-07	2.51E-07	5.39E 00	1.80E 00	3.97E 00	5.14E 00	6.49E 00	1.24E 01	199
2.51E-07	2.52E-07	2.81E-07	3.16E-07	6.27E 00	2.06E 00	4.75E 00	6.01E 00	7.79E 00	1.17E 01	202
3.16E-07	3.17E-07	3.56E-07	3.97E-07	7.74E 00	3.06E 00	6.02E 00	7.80E 00	9.40E 00	1.49E 01	182
3.98E-07	3.99E-07	4.46E-07	5.01E-07	9.00E 00	1.55E 00	6.63E 00	9.10E 00	1.08E 01	1.79E 01	142
5.01E-07	5.02E-07	5.60E-07	6.29E-07	1.09E 01	2.87E 00	8.03E 00	1.10E 01	1.30E 01	2.11E 01	144
6.31E-07	6.32E-07	7.06E-07	7.92E-07	1.27E 01	4.56E 00	9.66E 00	1.32E 01	1.56E 01	2.50E 01	125
7.94E-07	7.95E-07	8.92E-07	9.97E-07	1.47E 01	7.50E 00	1.20E 01	1.51E 01	1.94E 01	3.00E 01	124
1.00E-06	1.00E-06	1.10E-06	1.25E-06	1.78E 01	4.28E 00	1.43E 01	1.83E 01	2.23E 01	2.67E 01	96
1.26E-06	1.26E-06	1.40E-06	1.58E-06	1.98E 01	6.77E 00	1.63E 01	2.00E 01	2.41E 01	3.22E 01	82
1.58E-06	1.58E-06	1.76E-06	1.99E-06	2.36E 01	7.32E 00	1.86E 01	2.39E 01	2.88E 01	4.35E 01	53
2.00E-06	2.01E-06	2.21E-06	2.51E-06	2.75E 01	7.34E 00	2.19E 01	2.99E 01	3.42E 01	4.34E 01	43
2.51E-06	2.52E-06	2.83E-06	3.14E-06	3.35E 01	6.82E 00	2.40E 01	3.60E 01	4.11E 01	5.23E 01	36
3.16E-06	3.19E-06	3.50E-06	3.92E-06	3.43E 01	2.61E 00	2.52E 01	3.91E 01	4.64E 01	5.36E 01	23
3.98E-06	4.06E-06	4.55E-06	4.98E-06	4.14E 01	9.09E 00	2.73E 01	4.42E 01	5.09E 01	6.98E 01	24
5.01E-06	5.07E-06	5.68E-06	6.10E-06	5.74E 01	1.87E 01	4.04E 01	6.23E 01	7.19E 01	1.01E 02	14
6.31E-06	6.31E-06	7.39E-06	7.90E-06	6.45E 01	1.27E 01	3.04E 01	3.42E 01	6.35E 01	7.39E 01	14
7.94E-06	8.05E-06	8.83E-06	9.55E-06	5.58E 01	1.29E 01	3.26E 01	5.48E 01	7.27E 01	1.05E 02	11
1.00E-05	1.02E-05	1.12E-05	1.20E-05	9.36E 01	3.36E 01	4.74E 01	9.80E 01	1.31E 02	1.47E 02	14
1.26E-05	1.29E-05	1.44E-05	1.54E-05	9.59E 01	2.17E 01	3.66E 01	1.01E 02	1.45E 02	1.65E 02	14
1.58E-05	1.67E-05	1.85E-05	1.98E-05	1.21E 02	1.72E 01	7.43E 01	1.04E 02	1.54E 02	2.14E 02	7
2.00E-05	2.10E-05	2.22E-05	2.47E-05	1.40E 02	6.29E 01				2.66E 02	3
2.51E-05	2.52E-05	2.82E-05	3.03E-05	4.62E 01	3.04E 01				2.17E 02	4
3.16E-05	3.20E-05	3.47E-05	3.69E-05	1.06E 02	4.79E 01	7.38E 01	1.00E 02	1.42E 02	1.63E 02	4
3.98E-05	4.10E-05	4.10E-05	4.10E-05	1.47E 02	1.47E 02				1.47E 02	1
5.01E-05	5.42E-05	5.43E-05	6.24E-05	4.77E 01	4.69E 01				4.84E 01	2
6.31E-05	6.32E-05	6.64E-05	7.17E-05	5.92E 01	5.19E 01				6.77E 01	3
7.94E-05	8.13E-05	8.60E-05	8.87E-05	7.36E 01	4.06E 01				1.04E 02	3
1.00E-04	1.03E-04	1.13E-04	1.18E-04	1.42E 02	7.36E 01				2.10E 02	2
1.26E-04	1.47E-04	1.47E-04	1.47E-04	1.90E 02	1.80E 02				1.80E 02	1

TOTAL N: 4738

TABLE . . . N. CAROLINA RAINFALL RATE TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (1/M)	MIN ETA (1/M)	MEAN ETA (1/M)	MAX ETA (1/M)	MEAN R (MM/HR)	MIN R (MM/HR)	25%TILE R (MM/HR)	50%TILE R (MM/HR)	75%TILE R (MM/HR)	MAX R (MM/HR)	N
1.00E-05	1.06E-09	1.16E-09	1.23E-09	5.91E-02	5.08E-02	5.38E-02	5.79E-02	6.44E-02	7.00E-02	4
1.26E-05	1.26E-09	1.39E-09	1.56E-09	6.65E-02	5.19E-02	5.47E-02	6.04E-02	7.98E-02	1.45E-01	18
1.59E-05	1.62E-09	1.83E-09	1.99E-09	7.08E-02	5.03E-02	5.55E-02	6.82E-02	8.33E-02	1.15E-01	34
2.00E-05	2.00E-09	2.22E-09	2.51E-09	8.09E-02	5.13E-02	6.56E-02	7.70E-02	9.07E-02	1.72E-01	43
2.51E-05	2.54E-09	2.83E-09	3.15E-09	1.15E-01	5.94E-02	8.83E-02	1.11E-01	1.49E-01	1.75E-01	35
3.16E-05	3.17E-09	3.57E-09	3.97E-09	1.12E-01	6.56E-02	8.55E-02	1.06E-01	1.32E-01	2.27E-01	54
3.98E-05	3.99E-09	4.49E-09	5.00E-09	1.42E-01	7.14E-02	1.09E-01	1.38E-01	1.72E-01	2.59E-01	60
5.01E-05	5.03E-09	5.63E-09	6.30E-09	1.61E-01	8.78E-02	1.42E-01	1.69E-01	2.19E-01	2.89E-01	77
6.31E-05	6.31E-09	7.12E-09	7.94E-09	2.12E-01	8.81E-02	1.65E-01	2.04E-01	2.51E-01	4.31E-01	88
7.94E-05	7.55E-09	8.98E-09	1.00E-08	2.43E-01	1.03E-01	1.71E-01	2.27E-01	3.05E-01	4.88E-01	101
1.00E-04	1.01E-08	1.14E-08	1.25E-08	3.03E-01	1.37E-01	2.01E-01	2.81E-01	3.87E-01	6.99E-01	77
1.26E-04	1.26E-08	1.44E-08	1.58E-08	3.40E-01	1.51E-01	2.49E-01	3.19E-01	4.27E-01	7.21E-01	99
1.59E-04	1.59E-08	1.79E-08	1.99E-08	4.28E-01	1.96E-01	3.17E-01	4.09E-01	5.34E-01	8.76E-01	115
2.00E-04	2.00E-08	2.24E-08	2.51E-08	4.92E-01	1.66E-01	3.63E-01	4.68E-01	6.25E-01	9.86E-01	118
2.51E-04	2.52E-08	2.85E-08	3.16E-08	5.91E-01	1.99E-01	4.31E-01	5.65E-01	7.40E-01	1.33E 00	106
3.16E-04	3.17E-08	3.56E-08	3.98E-08	7.05E-01	2.94E-01	5.23E-01	6.70E-01	8.67E-01	1.65E 00	139
3.98E-04	3.99E-08	4.50E-08	5.01E-08	8.42E-01	3.60E-01	6.21E-01	8.08E-01	1.05E 00	1.73E 00	159
5.01E-04	5.02E-08	5.62E-08	6.30E-08	9.84E-01	7.50E-01	7.29E-01	9.35E-01	1.18E 00	2.11E 00	156
6.31E-04	6.32E-08	7.11E-08	7.93E-08	1.23E 00	5.03E-01	8.68E-01	1.21E 00	1.54E 00	2.69E 00	176
7.94E-04	7.95E-08	8.99E-08	1.00E-07	1.41E 00	3.28E-01	1.03E 00	1.40E 00	1.72E 00	2.94E 00	186
1.00E-03	1.01E-07	1.13E-07	1.25E-07	1.70E 00	5.99E-01	1.23E 00	1.57E 00	2.10E 00	3.69E 00	172
1.26E-03	1.26E-07	1.42E-07	1.58E-07	1.99E 00	7.21E-01	1.37E 00	1.93E 00	2.41E 00	4.43E 00	203
1.59E-03	1.59E-07	1.78E-07	1.99E-07	2.31E 00	7.84E-01	1.68E 00	2.18E 00	2.75E 00	5.77E 00	160
2.00E-03	2.00E-07	2.23E-07	2.51E-07	2.74E 00	7.47E-01	1.96E 00	2.62E 00	3.48E 00	5.46E 00	185
2.51E-03	2.52E-07	2.82E-07	3.16E-07	3.19E 00	1.05E 00	2.39E 00	2.99E 00	3.86E 00	7.35E 00	297
3.16E-03	3.17E-07	3.58E-07	3.98E-07	3.89E 00	1.44E 00	3.00E 00	3.66E 00	4.67E 00	8.48E 00	250
3.98E-03	3.99E-07	4.48E-07	5.01E-07	4.69E 00	1.01E 00	3.54E 00	4.59E 00	5.66E 00	1.06E 01	221
5.01E-03	5.02E-07	5.67E-07	6.30E-07	5.65E 00	1.71E 00	4.18E 00	5.50E 00	6.76E 00	1.29E 01	196
6.31E-03	6.32E-07	7.08E-07	7.93E-07	6.63E 00	1.93E 00	4.95E 00	6.58E 00	8.20E 00	1.49E 01	187
7.94E-03	7.95E-07	8.94E-07	9.95E-07	7.62E 00	2.06E 00	5.74E 00	7.74E 00	9.45E 00	1.43E 01	176
1.00E-02	1.00E-06	1.11E-06	1.25E-06	9.80E 00	3.29E 00	7.57E 00	9.42E 00	1.16E 01	1.94E 01	131
1.26E-02	1.26E-06	1.42E-06	1.58E-06	1.08E 01	2.96E 00	8.06E 00	1.10E 01	1.32E 01	2.11E 01	150
1.58E-02	1.59E-06	1.79E-06	1.99E-06	1.32E 01	1.55E 00	9.41E 00	1.36E 01	1.63E 01	2.60E 01	124
2.00E-02	2.00E-06	2.26E-06	2.51E-06	1.59E 01	2.87E 00	1.20E 01	1.61E 01	1.96E 01	3.00E 01	122
2.51E-02	2.52E-06	2.79E-06	3.15E-06	1.76E 01	4.54E 00	1.36E 01	1.83E 01	2.22E 01	2.92E 01	91
3.16E-02	3.17E-06	3.54E-06	3.96E-06	2.04E 01	7.93E 00	1.61E 01	2.09E 01	2.55E 01	3.02E 01	72
3.98E-02	4.01E-06	4.47E-06	4.97E-06	2.25E 01	6.28E 00	1.69E 01	2.30E 01	2.96E 01	4.35E 01	57
5.01E-02	5.06E-06	5.58E-06	6.25E-06	2.58E 01	8.06E 00	1.95E 01	2.72E 01	3.24E 01	4.34E 01	39
6.31E-02	6.31E-06	6.94E-06	7.83E-06	3.29E 01	7.32E 00	2.22E 01	3.59E 01	4.30E 01	5.23E 01	39
7.94E-02	7.99E-06	8.81E-06	9.95E-06	2.91E 01	2.61E 00	1.19E 01	3.46E 01	4.21E 01	5.16E 01	27
1.00E-01	1.00E-05	1.12E-05	1.24E-05	3.75E 01	9.35E 00	1.47E 01	3.72E 01	5.53E 01	6.44E 01	17
1.26E-01	1.26E-05	1.39E-05	1.57E-05	5.13E 01	9.08E 00	3.43E 01	4.83E 01	6.39E 01	1.01E 02	19
1.58E-01	1.61E-05	1.81E-05	1.96E-05	3.94E 01	1.27E 01	2.39E 01	3.53E 01	5.04E 01	7.79E 01	14
2.00E-01	2.61E-05	2.22E-05	2.50E-05	4.74E 01	1.29E 01	2.64E 01	4.38E 01	6.58E 01	1.05E 02	15
2.51E-01	2.56E-05	2.77E-05	3.08E-05	8.46E 01	3.38E 01	5.90E 01	7.40E 01	1.26E 02	1.37E 02	15
3.16E-01	3.25E-05	3.59E-05	3.89E-05	7.65E 01	1.72E 01	3.53E 01	7.98E 01	1.11E 02	1.54E 02	9
3.98E-01	4.02E-05	4.42E-05	4.87E-05	9.65E 01	2.17E 01	3.86E 01	1.01E 02	1.45E 02	1.77E 02	14
5.01E-01	5.05E-05	5.54E-05	5.96E-05	1.71E 02	8.33E 01	9.40E 01	1.96E 02	2.27E 02	2.66E 02	5
6.31E-01	6.70E-05	6.94E-05	7.65E-05	8.83E 01	3.09E 01	3.47E 01	6.41E 01	1.19E 02	2.17E 02	6
7.94E-01	8.54E-05	8.70E-05	9.00E-05	7.49E 01	4.79E 01				1.10E 02	2
1.00E-04	1.04E-04	1.11E-04	1.17E-04	1.33E 02	9.97E 01	1.00E 02	1.24E 02	1.65E 02	1.93E 02	4
1.26E-04	1.36E-04	1.47E-04	1.56E-04	5.13E 01	4.69E 01	4.77E 01	5.02E 01	5.49E 01	5.49E 01	4
1.59E-04	1.68E-04	1.85E-04	1.99E-04	6.13E 01	4.06E 01				7.55E 01	3
2.00E-04	2.30E-04	2.34E-04	2.38E-04	8.88E 01	7.36E 01				1.06E 02	2
2.51E-04	2.79E-04	2.79E-04	2.79E-04	2.10E 02	2.10E 02				2.10E 02	1
3.16E-04	3.31E-04	3.31E-04	3.31E-04	1.80E 02	1.80E 02				1.80E 02	1

TOTAL N: 4734

TABLE [illegible]. N. CAROLINA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 10.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-11	1.02E-11	1.12E-11	1.22E-11	4.22E-05	3.11E-05				5.36E-05	3
1.26E-11	1.31E-11	1.42E-11	1.58E-11	4.33E-05	3.03E-05	3.34E-05	3.68E-05	5.60E-05	6.82E-05	15
1.58E-11	1.62E-11	1.83E-11	1.99E-11	4.36E-05	2.59E-05	3.03E-05	3.74E-05	4.69E-05	1.28E-04	25
2.00E-11	2.03E-11	2.25E-11	2.43E-11	4.54E-05	2.68E-05	3.42E-05	4.18E-05	5.24E-05	8.41E-05	46
2.51E-11	2.52E-11	2.81E-11	3.15E-11	6.58E-05	2.48E-05	3.65E-05	5.34E-05	9.05E-05	1.34E-04	36
3.16E-11	3.17E-11	3.56E-11	3.91E-11	6.63E-05	2.94E-05	4.70E-05	6.12E-05	7.63E-05	1.23E-04	46
3.98E-11	3.99E-11	4.48E-11	5.00E-11	7.38E-05	2.97E-05	4.67E-05	6.87E-05	9.02E-0	1.58E-04	61
5.01E-11	5.07E-11	5.63E-11	6.30E-11	8.98E-05	3.90E-05	6.63E-05	8.28E-05	1.09E-04	1.49E-04	73
6.31E-11	6.32E-11	7.05E-11	7.94E-11	1.18E-04	4.42E-05	8.35E-05	1.17E-04	1.50E-04	2.48E-04	79
7.94E-11	7.95E-11	8.91E-11	1.00E-10	1.26E-04	4.09E-05	7.78E-05	1.12E-04	1.56E-04	3.21E-04	101
1.00E-10	1.01E-10	1.12E-10	1.25E-10	1.47E-04	4.92E-05	8.34E-05	1.24E-04	1.67E-04	3.65E-04	81
1.26E-10	1.27E-10	1.42E-10	1.58E-10	1.73E-04	5.83E-05	1.07E-04	1.56E-04	2.14E-04	5.23E-04	94
1.58E-10	1.59E-10	1.78E-10	1.99E-10	2.11E-04	7.60E-05	1.36E-04	1.96E-04	2.77E-04	4.95E-04	99
2.00E-10	2.00E-10	2.23E-10	2.51E-10	2.39E-04	7.64E-05	1.47E-04	2.26E-04	3.09E-04	6.15E-04	127
2.51E-10	2.52E-10	2.84E-10	3.16E-10	2.66E-04	6.56E-05	1.71E-04	2.33E-04	3.37E-04	6.05E-04	105
3.16E-10	3.17E-10	3.59E-10	3.97E-10	3.34E-04	8.53E-05	2.17E-04	3.04E-04	4.27E-04	6.79E-04	133
3.98E-10	4.02E-10	4.55E-10	5.01E-10	3.85E-04	1.31E-04	2.37E-04	3.35E-04	4.82E-04	1.04E-03	145
5.01E-10	5.03E-10	5.63E-10	6.30E-10	4.34E-04	1.40E-04	2.92E-04	3.97E-04	5.33E-04	1.25E-03	155
6.31E-10	6.32E-10	7.11E-10	7.94E-10	5.37E-04	9.86E-05	3.48E-04	4.87E-04	6.70E-04	1.44E-03	158
7.94E-10	7.95E-10	8.93E-10	1.00E-09	6.13E-04	2.06E-04	3.77E-04	5.85E-04	7.70E-04	1.66E-03	186
1.00E-09	1.01E-09	1.12E-09	1.25E-09	7.02E-04	1.33E-04	4.55E-04	6.25E-04	8.54E-04	1.67E-03	176
1.26E-09	1.26E-09	1.42E-09	1.58E-09	8.34E-04	2.12E-04	5.50E-04	7.48E-04	1.04E-03	2.23E-03	175
1.58E-09	1.59E-09	1.76E-09	1.99E-09	9.04E-04	2.97E-04	5.59E-04	8.59E-04	1.12E-03	2.72E-03	190
2.00E-09	2.00E-09	2.26E-09	2.51E-09	1.12E-03	3.13E-04	7.36E-04	9.84E-04	1.34E-03	2.94E-03	173
2.51E-09	2.52E-09	2.82E-09	3.16E-09	1.23E-03	4.18E-04	8.65E-04	1.10E-03	1.54E-03	3.63E-03	176
3.16E-09	3.17E-09	3.56E-09	3.98E-09	1.48E-03	4.15E-04	1.01E-03	1.38E-03	1.86E-03	4.05E-03	215
3.98E-09	3.99E-09	4.50E-09	5.03E-09	1.76E-03	4.50E-04	1.23E-03	1.63E-03	2.24E-03	4.77E-03	212
5.01E-09	5.02E-09	5.55E-09	6.30E-09	2.10E-03	5.80E-04	1.47E-03	1.92E-03	2.55E-03	5.12E-03	207
6.31E-09	6.31E-09	7.11E-09	7.94E-09	2.46E-03	7.76E-04	1.77E-03	2.28E-03	2.94E-03	5.95E-03	214
7.94E-09	7.95E-09	8.90E-09	9.99E-09	2.97E-03	8.64E-04	2.19E-03	3.02E-03	3.56E-03	6.67E-03	171
1.00E-08	1.00E-08	1.11E-08	1.25E-08	3.29E-03	7.54E-04	2.34E-03	3.19E-03	4.02E-03	9.06E-03	166
1.26E-08	1.26E-08	1.42E-08	1.58E-08	4.19E-03	8.37E-04	3.03E-03	4.26E-03	5.20E-03	9.81E-03	141
1.58E-08	1.59E-08	1.79E-08	1.99E-08	4.86E-03	1.79E-03	3.48E-03	4.86E-03	5.92E-03	1.38E-02	136
2.00E-08	2.00E-08	2.24E-08	2.51E-08	5.78E-03	1.94E-03	4.17E-03	5.60E-03	6.98E-03	1.27E-02	115
2.51E-08	2.52E-08	2.82E-08	3.16E-08	6.57E-03	2.00E-03	5.09E-03	6.41E-03	7.96E-03	1.21E-02	123
3.16E-08	3.17E-08	3.56E-08	3.98E-08	7.11E-03	2.00E-03	5.44E-03	7.22E-03	8.96E-03	1.14E-02	86
3.98E-08	3.99E-08	4.43E-08	5.00E-08	8.77E-03	3.49E-03	7.28E-03	9.11E-03	1.06E-02	1.40E-02	64
5.01E-08	5.04E-08	5.60E-08	6.30E-08	9.68E-03	3.61E-03	6.96E-03	1.01E-02	1.23E-02	1.72E-02	56
6.31E-08	6.32E-08	7.01E-08	7.85E-08	1.23E-02	4.89E-03	9.26E-03	1.29E-02	1.50E-02	2.33E-02	41
7.94E-08	8.01E-08	9.03E-08	9.99E-08	1.44E-02	6.96E-03	1.13E-02	1.49E-02	1.73E-02	2.00E-02	28
1.00E-07	1.02E-07	1.11E-07	1.23E-07	1.53E-02	7.34E-03	1.20E-02	1.63E-02	1.84E-02	2.14E-02	14
1.26E-07	1.27E-07	1.40E-07	1.54E-07	1.93E-02	1.06E-02	1.36E-02	1.87E-02	2.45E-02	4.07E-02	25
1.58E-07	1.62E-07	1.74E-07	1.99E-07	2.25E-02	1.30E-02	1.59E-02	2.17E-02	2.59E-02	3.55E-02	15
2.00E-07	2.01E-07	2.24E-07	2.48E-07	2.50E-02	1.30E-02	1.92E-02	2.61E-02	2.85E-02	4.13E-02	14
2.51E-07	2.71E-07	2.99E-07	3.10E-07	3.41E-02	1.86E-02	2.04E-02	3.54E-02	4.44E-02	5.35E-02	4
3.16E-07	3.19E-07	3.55E-07	3.88E-07	4.41E-02	2.03E-02	3.72E-02	4.50E-02	5.37E-02	6.26E-02	13
3.98E-07	4.04E-07	4.40E-07	4.79E-07	5.01E-02	2.83E-02	3.16E-02	5.81E-02	6.27E-02	7.34E-02	4
5.01E-07	5.11E-07	5.71E-07	6.23E-07	7.41E-02	5.15E-02	5.19E-02	7.37E-02	8.55E-02	1.53E-01	6
6.31E-07	6.41E-07	6.91E-07	7.66E-07	5.17E-02	3.65E-02	3.43E-02	4.12E-02	5.82E-02	8.99E-02	5
7.94E-07	8.05E-07	9.19E-07	9.52E-07	5.20E-02	4.76E-02				5.65E-02	2
1.00E-06	1.14E-06	1.14E-06	1.14E-06	6.43E-02	6.26E-02				6.60E-02	2
1.26E-06	1.46E-06	1.46E-06	1.46E-06	1.18E-01	1.18E-01				1.18E-01	1
1.58E-06	1.69E-06	1.69E-06	1.69E-06	1.17E-01	1.17E-01				1.17E-01	1

TOTAL N: 4735

TABLE [illegible]. N, CAROLINA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 4.0 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
2.00E-10	2.21E-10	2.21E-10	2.21E-10	9.26E-04	9.26E-04				9.26E-04	1
2.51E-10	3.13E-10	3.13E-10	3.13E-10	2.60E-04	2.60E-04				2.60E-04	1
3.16E-10	3.62E-10	3.78E-10	3.94E-10	2.81E-04	2.73E-04				2.90E-04	2
3.95E-10	4.38E-10	4.53E-10	4.69E-10	2.96E-04	2.78E-04				3.67E-04	7
5.01E-10	5.05E-10	5.56E-10	6.24E-10	2.98E-04	2.20E-04	2.36E-04	2.84E-04	3.52E-04	4.68E-04	17
6.31E-10	6.33E-10	7.22E-10	7.94E-10	3.25E-04	2.05E-04	2.36E-04	2.83E-04	3.46E-04	8.52E-04	28
7.94E-10	8.02E-10	8.91E-10	9.99E-10	3.43E-04	2.15E-04	2.68E-04	3.25E-04	3.93E-04	9.33E-04	44
1.00E-09	1.01E-09	1.12E-09	1.25E-09	4.93E-04	2.09E-04	3.58E-04	4.49E-04	6.32E-04	9.42E-04	30
1.26E-09	1.27E-09	1.41E-09	1.58E-09	4.88E-04	2.52E-04	3.38E-04	4.53E-04	5.63E-04	1.03E-03	50
1.58E-09	1.59E-09	1.78E-09	1.99E-09	5.80E-04	2.99E-04	4.10E-04	5.49E-04	7.13E-04	1.18E-03	66
1.99E-09	2.00E-09	2.26E-09	2.51E-09	7.41E-04	3.55E-04	5.49E-04	6.85E-04	9.72E-04	1.35E-03	72
2.51E-09	2.52E-09	2.85E-09	3.16E-09	9.18E-04	4.01E-04	6.82E-04	8.06E-04	1.11E-03	2.22E-03	87
3.16E-09	3.18E-09	3.58E-09	3.97E-09	9.73E-04	4.50E-04	6.55E-04	8.66E-04	1.20E-03	2.08E-03	95
3.98E-09	3.99E-09	4.47E-09	5.00E-09	1.22E-03	5.50E-04	7.88E-04	1.07E-03	1.47E-03	2.59E-03	77
5.01E-09	5.02E-09	5.64E-09	6.24E-09	1.46E-03	6.50E-04	1.05E-03	1.35E-03	1.75E-03	3.64E-03	106
6.31E-09	6.33E-09	7.11E-09	7.93E-09	1.73E-03	7.97E-04	1.26E-03	1.61E-03	2.16E-03	3.58E-03	100
7.94E-09	7.95E-09	8.96E-09	1.00E-08	2.02E-03	9.72E-04	1.40E-03	1.82E-03	2.55E-03	4.42E-03	122
1.00E-08	1.01E-08	1.13E-08	1.25E-08	2.36E-03	9.97E-04	1.70E-03	2.19E-03	2.85E-03	4.71E-03	104
1.26E-08	1.26E-08	1.41E-08	1.58E-08	2.83E-03	1.12E-03	2.07E-03	2.68E-03	3.44E-03	6.48E-03	133
1.58E-08	1.59E-08	1.78E-08	1.99E-08	3.40E-03	1.58E-03	2.55E-03	3.04E-03	4.17E-03	7.59E-03	160
2.00E-08	2.00E-08	2.24E-08	2.51E-08	3.95E-03	1.78E-03	2.99E-03	3.68E-03	4.56E-03	9.30E-03	159
2.51E-08	2.52E-08	2.82E-08	3.16E-08	4.96E-03	2.58E-03	3.54E-03	4.50E-03	5.49E-03	1.21E-02	177
3.16E-08	3.17E-08	3.55E-08	3.98E-08	5.73E-03	2.71E-03	4.33E-03	5.57E-03	6.69E-03	1.14E-02	174
3.98E-08	3.99E-08	4.47E-08	5.01E-08	6.88E-03	3.53E-03	5.33E-03	6.38E-03	7.96E-03	1.32E-02	176
5.01E-08	5.02E-08	5.68E-08	6.30E-08	8.23E-03	4.11E-03	6.22E-03	7.83E-03	9.51E-03	1.90E-02	193
6.31E-08	6.31E-08	7.03E-08	7.93E-08	9.51E-03	5.04E-03	7.27E-03	9.10E-03	1.10E-02	2.12E-02	171
7.94E-08	7.95E-08	8.94E-08	9.97E-08	1.17E-02	6.58E-03	9.16E-03	1.07E-02	1.34E-02	2.31E-02	189
1.00E-07	1.00E-07	1.14E-07	1.25E-07	1.36E-02	7.87E-03	1.11E-02	1.29E-02	1.53E-02	2.31E-02	180
1.26E-07	1.26E-07	1.41E-07	1.58E-07	1.67E-02	1.03E-02	1.36E-02	1.56E-02	1.90E-02	3.37E-02	214
1.58E-07	1.59E-07	1.78E-07	1.99E-07	2.04E-02	1.15E-02	1.66E-02	1.94E-02	2.29E-02	4.27E-02	226
2.00E-07	2.00E-07	2.24E-07	2.51E-07	2.50E-02	1.58E-02	2.07E-02	2.38E-02	2.78E-02	5.07E-02	198
2.51E-07	2.52E-07	2.81E-07	3.16E-07	2.98E-02	1.95E-02	2.53E-02	2.89E-02	3.40E-02	4.86E-02	202
3.16E-07	3.17E-07	3.56E-07	3.97E-07	3.71E-02	2.56E-02	3.25E-02	3.65E-02	4.14E-02	5.91E-02	182
3.98E-07	3.99E-07	4.45E-07	5.01E-07	4.48E-02	3.03E-02	3.87E-02	4.36E-02	4.95E-02	7.24E-02	142
5.01E-07	5.02E-07	5.60E-07	6.29E-07	5.52E-02	3.84E-02	4.77E-02	5.47E-02	6.09E-02	8.64E-02	148
6.31E-07	6.32E-07	7.06E-07	7.92E-07	6.68E-02	4.94E-02	5.84E-02	6.55E-02	7.28E-02	1.03E-01	125
7.94E-07	7.95E-07	8.92E-07	9.97E-07	8.31E-02	6.35E-02	7.44E-02	8.11E-02	9.00E-02	1.25E-01	124
1.00E-06	1.00E-06	1.10E-06	1.25E-06	9.87E-02	7.90E-02	8.94E-02	9.92E-02	1.07E-01	1.23E-01	98
1.26E-06	1.26E-06	1.40E-06	1.58E-06	1.19E-01	9.02E-02	1.08E-01	1.18E-01	1.29E-01	1.44E-01	82
1.58E-06	1.59E-06	1.78E-06	1.99E-06	1.47E-01	1.06E-01	1.38E-01	1.47E-01	1.55E-01	1.98E-01	54
2.00E-06	2.01E-06	2.21E-06	2.51E-06	1.81E-01	1.46E-01	1.69E-01	1.83E-01	1.89E-01	2.21E-01	43
2.51E-06	2.52E-06	2.80E-06	3.16E-06	2.16E-01	9.88E-02	2.07E-01	2.24E-01	2.44E-01	2.59E-01	35
3.16E-06	3.19E-06	3.50E-06	3.92E-06	2.46E-01	8.50E-02	2.10E-01	2.67E-01	2.90E-01	3.18E-01	21
3.98E-06	4.04E-06	4.55E-06	4.98E-06	3.33E-01	1.74E-01	3.27E-01	3.51E-01	3.85E-01	4.13E-01	24
5.01E-06	5.07E-06	5.68E-06	6.10E-06	4.49E-01	3.35E-01	4.12E-01	4.50E-01	4.86E-01	5.31E-01	16
6.31E-06	6.31E-06	7.08E-06	7.90E-06	4.41E-01	2.09E-01	3.40E-01	4.80E-01	5.48E-01	6.31E-01	13
7.94E-06	8.05E-06	8.69E-06	9.56E-06	5.36E-01	2.19E-01	4.53E-01	6.13E-01	6.53E-01	6.95E-01	13
1.00E-05	1.02E-05	1.12E-05	1.25E-05	7.89E-01	2.69E-01	7.64E-01	8.39E-01	9.06 -01	9.97E-01	14
1.26E-05	1.29E-05	1.44E-05	1.58E-05	9.32E-01	5.05E-01	6.65E-01	1.01E 00	1.17E 00	1.25E 00	16
1.59E-05	1.67E-05	1.86E-05	1.99E-05	1.19E 00	2.44E-01	1.07E 00	1.24E 00	1.49E 00	1.57E 00	4
2.00E-05	2.10E-05	2.25E-05	2.47E-05	1.46E 00	1.06E 00				1.76E 00	3
2.51E-05	2.52E-05	2.82E-05	3.03E-05	1.03E 00	5.68E-01				1.73E 00	3
3.16E-05	3.20E-05	3.47E-05	3.69E-05	1.64E 00	1.01E 00	1.32E 00	1.76E 00	1.95E 00	2.01E 00	4
3.98E-05	4.10E-05	4.10E-05	4.10E-05	1.61E 00	1.61E 00				1.61E 00	1
5.01E-05	5.42E-05	5.83E-05	6.24E-05	1.31E 00	1.25E 00				1.35E 00	2
6.31E-05	6.32E-05	6.64E-05	7.17E-05	1.47E 00	1.18E 00				1.93E 00	3
7.94E-05	8.13E-05	8.60E-05	8.87E-05	1.65E 00	9.57E-01				2.47E 00	3
1.00E-04	1.03E-04	1.10E-04	1.18E-04	2.34E 00	1.85E 00				2.83E 00	2
1.26E-04	1.47E-04	1.47E-04	1.47E-04	2.82E 00	2.82E 00				2.82E 00	1

TOTAL N: 4738

TABLE . N. CAROLINA ATTENUATION TABULATED AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN ATTN (DB/KM)	MIN ATTN (DB/KM)	25%TILE ATTN (DB/KM)	50%TILE ATTN (DB/KM)	75%TILE ATTN (DB/KM)	MAX ATTN (DB/KM)	N
1.00E-09	1.00E-09	1.16E-09	1.23E-09	4.46E-04	3.77E-04	4.08E-04	4.44E-04	5.24E-04	5.99E-04	6
1.20E-09	1.20E-09	1.35E-09	1.56E-09	5.44E-04	3.75E-04	5.06E-04	5.45E-04	6.64E-04	1.37E-03	18
1.50E-09	1.40E-09	1.63E-09	1.99E-09	5.27E-04	3.56E-04	5.05E-04	5.45E-04	6.18E-04	9.96E-04	34
2.00E-09	2.00E-09	2.22E-09	2.51E-09	6.01E-04	3.72E-04	5.66E-04	5.54E-04	6.41E-04	1.51E-03	43
2.50E-09	2.50E-09	2.63E-09	3.15E-09	8.79E-04	4.18E-04	6.36E-04	8.00E-04	1.18E-03	1.53E-03	35
3.15E-09	3.17E-09	3.57E-09	3.97E-09	8.22E-04	4.83E-04	6.15E-04	7.57E-04	9.50E-04	1.70E-03	54
3.94E-09	3.98E-09	4.49E-09	5.00E-09	1.06E-03	5.43E-04	7.65E-04	1.00E-03	1.20E-03	2.06E-03	60
5.00E-09	5.01E-09	5.63E-09	6.30E-09	1.32E-03	6.50E-04	1.01E-03	1.25E-03	1.59E-03	3.25E-03	77
6.31E-09	6.31E-09	7.12E-09	7.96E-09	1.56E-03	7.57E-04	1.18E-03	1.48E-03	1.83E-03	3.84E-03	88
7.94E-09	7.95E-09	8.98E-09	1.00E-08	1.78E-03	8.47E-04	1.27E-03	1.63E-03	2.14E-03	3.76E-03	101
1.00E-08	1.01E-08	1.14E-08	1.25E-08	2.23E-03	1.14E-03	1.46E-03	2.05E-03	2.75E-03	5.71E-03	77
1.26E-08	1.26E-08	1.41E-08	1.58E-08	2.56E-03	1.24E-03	1.95E-03	2.35E-03	3.03E-03	5.98E-03	98
1.58E-08	1.59E-08	1.79E-08	1.99E-08	3.13E-03	1.63E-03	2.38E-03	2.96E-03	3.78E-03	6.66E-03	135
2.00E-08	2.00E-08	2.26E-08	2.51E-08	3.64E-03	1.77E-03	2.61E-03	3.35E-03	4.41E-03	7.41E-03	138
2.51E-08	2.52E-08	2.85E-08	3.16E-08	4.39E-03	2.11E-03	3.31E-03	4.12E-03	5.27E-03	1.00E-02	176
3.17E-08	3.17E-08	3.58E-08	3.98E-08	5.23E-03	2.73E-03	4.02E-03	4.94E-03	6.12E-03	1.17E-02	133
3.98E-08	3.98E-08	4.50E-08	5.01E-08	6.16E-03	3.48E-03	4.86E-03	6.03E-03	7.60E-03	1.27E-02	159
5.02E-08	5.02E-08	5.66E-08	6.30E-08	7.43E-03	3.96E-03	5.86E-03	7.01E-03	8.44E-03	1.57E-02	154
6.32E-08	6.32E-08	7.11E-08	7.93E-08	9.76E-03	5.47E-03	6.93E-03	8.94E-03	1.10E-02	2.07E-02	176
7.96E-08	7.96E-08	8.94E-08	1.00E-07	1.09E-02	6.38E-03	8.59E-03	1.06E-02	1.25E-02	2.39E-02	186
1.00E-07	1.01E-07	1.13E-07	1.25E-07	1.33E-02	7.69E-03	1.05E-02	1.25E-02	1.52E-02	2.60E-02	172
1.26E-07	1.26E-07	1.42E-07	1.58E-07	1.59E-02	9.66E-03	1.26E-02	1.52E-02	1.81E-02	3.11E-02	203
1.59E-07	1.59E-07	1.79E-07	1.99E-07	1.89E-02	1.19E-02	1.59E-02	1.77E-02	2.10E-02	4.00E-02	169
2.00E-07	2.00E-07	2.25E-07	2.51E-07	2.29E-02	1.42E-02	1.89E-02	2.16E-02	2.63E-02	3.84E-02	185
2.52E-07	2.52E-07	2.83E-07	3.16E-07	2.76E-02	1.81E-02	2.34E-02	2.65E-02	3.11E-02	5.21E- 2	207
3.17E-07	3.17E-07	3.59E-07	3.98E-07	3.41E-02	2.42E-02	2.92E-02	3.27E-02	3.76E-02	5.96E-02	200
3.99E-07	3.99E-07	4.48E-07	5.01E-07	4.15E-02	2.69E-02	3.63E-02	4.02E-02	4.55E-02	7.55E-02	221
5.02E-07	5.02E-07	5.67E-07	6.31E-07	5.15E-02	3.19E-02	4.49E-02	4.99E-02	5.65E-02	9.05E-02	196
6.32E-07	6.32E-07	7.08E-07	7.93E-07	6.22E-02	3.81E-02	5.47E-02	6.11E-02	6.93E-02	1.07E-01	187
7.95E-07	7.95E-07	8.94E-07	9.95E-07	7.51E-02	4.99E-02	6.83E-02	7.53E-02	8.15E-02	1.78E-01	176
1.00E-06	1.00E-06	1.11E-06	1.25E-06	9.49E-02	6.70E-02	8.46E-02	9.41E-02	1.04E-01	1.45E-01	131
1.26E-06	1.26E-06	1.42E-06	1.58E-06	1.14E-01	8.36E-02	1.03E-01	1.15E-01	1.24E-01	1.62E-01	150
1.59E-06	1.59E-06	1.79E-06	1.99E-06	1.46E-01	5.27E-02	1.27E-01	1.41E-01	1.53E-01	2.04E-01	124
2.00E-06	2.00E-06	2.26E-06	2.51E-06	1.74E-01	6.87E-02	1.59E-01	1.75E-01	1.89E-01	2.35E-01	122
2.52E-06	2.52E-06	2.79E-06	3.15E-06	2.06E-01	1.12E-01	1.91E-01	2.08E-01	2.25E-01	2.62E-01	91
3.17E-06	3.17E-06	3.54E-06	3.96E-06	2.54E-01	1.80E-01	2.34E-01	2.52E-01	2.81E-01	3.38E-01	72
4.00E-06	4.01E-06	4.47E-06	4.97E-06	2.95E-01	1.22E-01	2.62E-01	3.13E-01	3.35E-01	3. 4E-01	57
5.04E-06	5.05E-06	5.58E-06	6.25E-06	3.59E-01	1.71E-01	3.26E-01	3.83E-01	4.06E-01	4.63E-01	39
6.31E-06	6.31E-06	6.94E-06	7.83E-06	4.51E-01	1.78E-01	4.02E-01	4.76E-01	5.09E-01	5.76E-01	49
7.94E-06	7.94E-06	8.81E-06	9.95E-06	4.50E-01	8.57E-02	2.69E-01	5.27E-01	4.92E-01	6.92E-01	27
1.00E-05	1.00E-05	1.12E-05	1.24E-05	5.89E-01	2.43E-01	3.11E-01	6.82E-01	7.91E-01	8.48E-01	17
1.26E-05	1.26E-05	1.39E-05	1.57E-05	8.16E-01	2.47E-01	7.22E-01	8.56E-01	9.94E-01	1.14E 00	19
1.58E-05	1.58E-05	1.75E-05	1.96E-05	7.64E-01	3.03E-01	4.25E-01	8.01E-01	1.01E 00	1.26E 00	14
2.01E-05	2.01E-05	2.22E-05	2.50E-05	9.66E-01	3.26E-01	7.03E-01	9.72E-01	1.20E 00	1.47E 00	15
2.52E-05	2.52E-05	2.77E-05	3.08E-05	1.47E 00	4.40E-01	1.21E 00	1.40E 00	1.93E 00	2.32E 00	15
3.17E-05	3.17E-05	3.50E-05	3.89E-05	1.45E 00	4.25E-01	9.46E-01	1. 4E 00	2.07E 00	2.36E 00	9
4.02E-05	4.02E-05	4.42E-05	4.87E-05	1.94E 00	6.51E-01	1.28E 00	2.05E 00	2.65E 00	2.49E 00	14
5.05E-05	5.05E-05	5.56E-05	5.98E-05	3.00E 00	1.68E 00	2.31E 00	3.37E 00	3.55E 00	3.45E 00	5
6.30E-05	6.30E-05	6.94E-05	7.63E-05	2.91E 00	7.78E-01	1.16E 00	1.82E 00	2.78E 00	3.72E 00	6
7.94E-05	8.04E-05	8.82E-05	9.66E-05	2.14E 00	1.57E 00				2.72E 00	2
1.00E-04	1.00E-04	1.11E-04	1.17E-04	2.96E 00	2.49E 00	2.60E 00	2.88E 00	3.32E 00	3.63E 00	6
1.26E-04	1.36E-04	1.47E-04	1.54E-04	1.62E 00	1.52E 00	1.56E 00	1.61E 00	1.67E 00	1.74E 00	6
1.59E-04	1.68E-04	1.85E-04	1.99E-04	1.92E 00	1.24E 00				2.37E 00	3
2.01E-04	2.40E-04	2.39E-04	2.38E-04	2.96E 00	2.58E 00				3.35E 00	3
2.52E-04	2.77E-04	2.75E-04	2.79E-04	4.40E 00	4.40E 00				4.40E 00	1
3.17E-04	3.31E-04	3.31E-04	3.31E-04	4.42E 00	4.42E 00				4.42E 00	1

TOTAL N: 4734

TABLE [illegible]. N. CAROLINA MEDIAN VOLUME DIAMETER TABULATED
AS A FUNCTION OF REFLECTIVITY FOR [illegible] CM, [illegible] DEGREES C

THRESHOLD Z (DBZ)	MIN [illegible] (DBZ)	MEAN [illegible] (DBZ)	MAX [illegible] (DBZ)	MEAN D0 (MM)	MIN D0 (MM)	[illegible] %TILE (MM)	[illegible] %TILE (MM)	[illegible] %TILE (MM)	MAX (MM)	N
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 152. N. CAROLINA MEDIAN VOLUME DIAMETER TABULATION [illegible]

[illegible]

TABLE [illegible] CAROLINA LIQUID WATER CONTENT TABULATED
AS A FUNCTION OF REFLECTIVITY FOR 3.2 CM, 10 DEGREES C

THRESHOLD ETA (/M)	MIN ETA (/M)	MEAN ETA (/M)	MAX ETA (/M)	MEAN LWC (GM/M3)	MIN LWC (GM/M3)	25%TILE LWC (GM/M3)	50%TILE LWC (GM/M3)	75%TILE LWC (GM/M3)	MAX LWC (GM/M3)	N
[illegible]	4.82E-10	4.82E-10	4.82E-10	1.00E-02	1.00E-02				1.00E-02	1
[illegible]										
[illegible]	7.03E-10	7.03E-10	7.03E-10	1.00E-02	1.00E-02				1.00E-02	1
[illegible]	[illegible]	8.58E-10	5.86E-10	1.00E-02	1.00E-02				1.00E-02	[illegible]
[illegible]	[illegible]	1.17E-09	1.21E-09	1.12E-02	1.00E-02	1.00E-02	1.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.41E-09	1.48E-09	1.12E-02	[illegible]	1.00E-02	1.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.82E-09	1.96E-09	8.29E-03	0.0	1.00E-02	1.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.47E-09	1.05E-02	0.0	1.00E-02	1.00E-02	1.00E-02	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.18E-09	1.33E-02	0.0	1.00E-02	1.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.57E-09	[illegible]	1.16E-02	0.0	1.00E-02	1.00E-02	1.00E-02	[illegible]	91
[illegible]	[illegible]	4.48E-09	5.00E-09	1.48E-02	1.00E-02	1.00E-02	1.00E-02	2.00E-02	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.15E-09	1.51E-02	[illegible]	1.00E-02	2.00E-02	3.00E-02	[illegible]	[illegible]
[illegible]	[illegible]	7.19E-09	7.94E-09	2.09E-02	1.00E-02	1.00E-02	2.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	9.52E-09	9.95E-09	2.15E-02	1.00E-02	1.00E-02	2.00E-02	3.00E-02	[illegible]	[illegible]
[illegible]	[illegible]	1.13E-08	1.25E-08	2.84E-02	1.00E-02	1.00E-02	2.00E-02	4.00E-02	[illegible]	[illegible]
[illegible]	[illegible]	1.42E-08	1.58E-08	3.28E-02	1.00E-02	2.00E-02	3.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.81E-08	1.95E-08	3.81E-02	1.00E-02	2.00E-02	3.00E-02	5.00E-02	1.10E-01	113
[illegible]	[illegible]	[illegible]	2.51E-08	4.35E-02	1.00E-02	2.00E-02	4.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.85E-08	3.12E-08	5.10E-02	1.00E-02	3.00E-02	5.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.54E-08	3.98E-08	5.78E-02	2.00E-02	4.00E-02	5.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.47E-08	[illegible]	6.49E-02	2.00E-02	4.00E-02	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.21E-08	7.61E-02	1.00E-02	5.00E-02	7.00E-02	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.06E-08	7.91E-08	9.15E-02	1.00E-02	5.00E-02	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.00E-07	1.02E-01	1.00E-02	6.00E-02	1.30E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.12E-07	1.25E-07	1.24E-01	[illegible]	9.00E-02	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.42E-07	1.56E-07	1.37E-01	4.00E-02	8.00E-02	1.30E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.79E-07	[illegible]	[illegible]	4.00E-02	[illegible]	1.30E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.51E-07	[illegible]	4.00E-02	[illegible]	1.60E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.85E-07	[illegible]	1.59E-01	4.00E-02	1.30E-01	1.80E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	3.95E-07	2.44E-01	6.00E-02	1.70E-01	2.20E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.47E-07	5.01E-07	2.53E-01	5.00E-02	2.00E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.86E-07	6.30E-07	3.34E-01	6.00E-02	2.20E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.94E-07	4.03E-01	9.00E-02	2.70E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.00E-06	4.38E-01	8.00E-02	3.10E-01	4.40E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.12E-06	1.26E-06	5.84E-01	1.40E-01	3.90E-01	5.70E-01	7.30E-01	[illegible]	[illegible]
[illegible]	[illegible]	1.42E-06	1.58E-06	5.95E-01	1.20E-01	4.00E-01	6.15E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.99E-06	7.40E-01	6.00E-02	4.90E-01	7.50E-01	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.51E-06	6.54E-01	1.40E-01	6.05E-01	8.50E-01	[illegible]	1.91	[illegible]
[illegible]	[illegible]	2.78E-06	3.13E-06	8.11E-01	1.90E-01	6.75E-01	9.30E-01	[illegible]	1.57	[illegible]
[illegible]	[illegible]	[illegible]	3.57E-06	1.03E 00	3.50E-01	7.90E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.11E 00	1.60E-01	7.45E-01	1.14E 00	1.51E 00	[illegible]	[illegible]
[illegible]	[illegible]	5.83E-06	[illegible]	1.35E 00	3.20E-01	1.07E 00	1.40E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.85E-06	1.55E 00	3.10E-01	1.07E 00	1.71E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.44E 00	1.00E 00	5.92E-01	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.14E-05	[illegible]	1.86E 00	3.70E-01	7.20E-01	1.44E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.40E-05	[illegible]	2.56E 00	8.80E-01	1.63E 00	2.19E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.95E-05	[illegible]	5.30E-01	[illegible]	1.61E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.48E-05	2.06E 00	5.30E-01	1.03E 00	1.66E 00	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.43E 00	2.51E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.55E-05	3.57E-05	[illegible]	7.00E-01	1.54E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	4.67E 00	[illegible]	1.83E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	5.18E 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.45E-05	[illegible]	1.29E 00	1.37E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.50E-05	[illegible]	1.85E 00				[illegible]	
[illegible]	[illegible]	[illegible]	1.15E-04	6.02E 00	4.14E 00	4.14E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.44E-04	1.51E-04	2.14E 00	1.72E 00	1.41E 00	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.95E-04	[illegible]	[illegible]				[illegible]	
[illegible]	[illegible]	[illegible]	2.33E-04	3.36E 00	[illegible]				[illegible]	
[illegible]	[illegible]	[illegible]	2.74E-04	[illegible]	[illegible]				[illegible]	
[illegible]	[illegible]	3.25E-04	3.25E-04	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL [illegible]

TABLE [illegible]. N. CAROLINA ATTENUATION FOR [illegible] CM, 10 DEGREES [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE [illegible]. LOGARITHMIC REGRESSION COEFFICIENTS FOR REFLECTIVITY(Z/M) AS A FUNCTION OF RAINFALL RATE(MM/HR)

$Z = AR^B$

LOCATION	WAVELENGTH (CM)	A	B	COR COEF	STAN ERR
ILLINOIS	10.0	1.10E-09	1.34E 00	0.961	0.248
NS=1685	4.0	4.07E-08	1.36E 00	0.956	0.271
	3.2	9.96E-08	1.41E 00	0.952	0.292
	1.87	9.77E-07	1.44E 00	0.951	0.300
	0.86	2.40E-05	1.11E 00	0.969	0.184
	0.43	7.21E-05	7.34E-01	0.910	0.215
FLORIDA	10.0	1.19E-09	1.25E 00	0.959	0.243
NS=2596	4.0	4.15E-08	1.29E 00	0.946	0.277
	3.2	9.86E-08	1.33E 00	0.942	0.296
	1.87	1.03E-06	1.33E 00	0.943	0.291
	0.86	3.25E-05	1.03E 00	0.973	0.152
	0.43	9.99E-05	7.59E-01	0.874	0.264
OREGON	10.0	9.96E-10	1.36E 00	0.903	0.223
NS=1733	4.0	3.68E-08	1.35E 00	0.899	0.226
	3.2	8.88E-08	1.38E 00	0.891	0.243
	1.87	8.42E-07	1.48E 00	0.878	0.277
	0.86	2.34E-05	1.22E 00	0.920	0.179
	0.43	7.85E-05	8.88E-01	0.757	0.205
MAJURO	10.0	7.46E-10	1.22E 00	0.959	0.226
NS=2652	4.0	2.78E-08	1.22E 00	0.959	0.227
	3.2	6.69E-08	1.23E 00	0.956	0.236
	1.87	6.07E-07	1.27E 00	0.944	0.278
	0.86	1.73E-05	1.19E 00	0.963	0.208
	0.43	9.61E-05	8.38E-01	0.941	0.189
ALASKA	10.0	7.53E-10	1.33E 00	0.940	0.211
NS=2676	4.0	2.81E-08	1.36E 00	0.945	0.200
	3.2	6.81E-08	1.37E 00	0.944	0.204
	1.87	6.28E-07	1.44E 00	0.930	0.241
	0.86	1.67E-05	1.38E 00	0.937	0.218
	0.43	8.74E-05	8.55E-01	0.905	0.170
INDONESIA	10.0	9.46E-10	1.36E 00	0.975	0.230
NS=1844	4.0	3.51E-08	1.37E 00	0.968	0.264
	3.2	8.54E-08	1.40E 00	0.967	0.277
	1.87	8.16E-07	1.45E 00	0.969	0.274
	0.86	2.07E-05	1.19E 00	0.975	0.201
	0.43	7.45E-05	7.42E-01	0.934	0.211
NEW JERSEY	10.0	7.81E-10	1.29E 00	0.953	0.227
NS=3061	4.0	2.93E-08	1.30E 00	0.947	0.242
	3.2	7.11E-08	1.31E 00	0.944	0.254
	1.87	6.43E-07	1.35E 00	0.940	0.268
	0.86	1.74E-05	1.21E 00	0.956	0.203
	0.43	9.35E-05	8.59E-01	0.936	0.178
N. CAROLINA	10.0	7.28E-10	1.30E 00	0.964	0.232
NS=4590	4.0	2.72E-08	1.29E 00	0.966	0.226
	3.2	6.58E-08	1.31E 00	0.964	0.236
	1.87	6.05E-07	1.36E 00	0.956	0.270
	0.86	1.62E-05	1.25E 00	0.966	0.218
	0.43	8.61E-05	8.59E-01	0.945	0.194

TABLE 3?. LOGARITHMIC REGRESSION COEFFICIENTS FOR ATTENUATION(DB/KM) AS A FUNCTION OF RAINFALL RATE(MM/HR)

$ATTEN. = AR^B$

LOCATION	WAVELENGTH (CM)	A	B	CCR COEF	STAN ERR
ILLINOIS	10.0	4.23E-04	1.00E 00	0.995	0.066
NS=1665	4.0	4.85E-03	1.19E 00	0.985	0.134
	3.2	9.49E-03	1.20E 00	0.986	0.131
	1.87	4.22E-02	1.13E 00	0.992	0.089
	0.86	2.45E-01	1.00E 00	0.997	0.051
	0.43	6.86E-01	8.35E-01	0.976	0.119
FLORIDA	10.0	3.91E-04	1.02E 00	0.993	0.077
NS=2500	4.0	4.47E-03	1.17E 00	0.980	0.149
	3.2	9.19E-03	1.16E 00	0.982	0.139
	1.87	4.62E-02	1.08E 00	0.993	0.078
	0.86	2.73E-01	9.85E-01	0.997	0.048
	0.43	6.34E-01	8.68E-01	0.977	0.118
OREGON	10.0	4.24E-04	9.69E-01	0.985	0.059
NS=1703	4.0	4.56E-03	1.15E 00	0.972	0.096
	3.2	8.85E-03	1.19E 00	0.967	0.109
	1.87	4.06E-02	1.16E 00	0.977	0.088
	0.86	2.46E-01	1.04E 00	0.993	0.043
	0.43	7.22E-01	8.19E-01	0.940	0.102
MAJURO	10.0	4.45E-04	9.71E-01	0.992	0.079
NS=2652	4.0	4.30E-03	1.07E 00	0.991	0.088
	3.2	8.04E-03	1.09E 00	0.990	0.100
	1.87	3.56E-02	1.10E 00	0.991	0.092
	0.86	2.29E-01	1.04E 00	0.998	0.045
	0.43	8.20E-01	9.01E-01	0.986	0.095
ALASKA	10.0	4.55E-04	9.26E-01	0.977	0.086
NS=2676	4.0	4.47E-03	1.06E 00	0.984	0.083
	3.2	8.36E-03	1.11E 00	0.982	0.089
	1.87	3.60E-02	1.15E 00	0.988	0.077
	0.86	2.25E-01	1.09E 00	0.995	0.046
	0.43	7.95E-01	8.79E-01	0.978	0.079
INDONESIA	10.0	4.33E-04	9.86E-01	0.995	0.072
NS=1844	4.0	4.70E-03	1.16E 00	0.989	0.126
	3.2	9.04E-03	1.18E 00	0.991	0.117
	1.87	3.99E-02	1.14E 00	0.995	0.081
	0.86	2.38E-01	1.03E 00	0.997	0.057
	0.43	7.16E-01	8.39E-01	0.987	0.104
NEW JERSEY	10.0	4.45E-04	9.69E-01	0.986	0.089
NS=3061	4.0	4.41E-03	1.09E 00	0.982	0.117
	3.2	8.24E-03	1.11E 00	0.984	0.110
	1.87	3.60E-02	1.11E 00	0.991	0.082
	0.86	2.29E-01	1.04E 00	0.997	0.046
	0.43	8.07E-01	8.94E-01	0.984	0.090
N. CAROLINA	10.0	4.59E-04	9.54E-01	0.987	0.100
NS=4590	4.0	4.48E-03	1.08E 00	0.987	0.112
	3.2	8.36E-03	1.11E 00	0.988	0.114
	1.87	3.59E-02	1.12E 00	0.992	0.092
	0.86	2.24E-01	1.05E 00	0.997	0.052
	0.43	7.92E-01	8.93E-01	0.987	0.095

TABLE 18. LOGARITHMIC REGRESSION COEFFICIENTS FOR RAINFALL RATE(MM/HR) AS A FUNCTION OF REFLECTIVITY(/M)

$R = AZ^B$

LOCATION	WAVELENGTH (CM)	A	B	COR COEF	STAN ERR
ILLINOIS	10.0	1.70E 06	6.93E-01	0.964	0.177
NS=1716	4.0	1.07E 05	6.77E-01	0.959	0.189
	3.2	3.89E 04	6.52E-01	0.955	0.198
FLORIDA	10.0	4.17E 06	7.33E-01	0.959	0.178
NS=2506	4.0	1.61E 05	6.92E-01	0.946	0.202
	3.2	6.24E 04	6.69E-01	0.942	0.211
OREGON	10.0	2.73E 05	5.99E-01	0.903	0.148
NS=1703	4.0	3.16E 04	5.99E-01	0.899	0.151
	3.2	1.27E 04	5.75E-01	0.891	0.157
MAJURO	10.0	8.79E 06	7.55E-01	0.960	0.178
NS=2656	4.0	5.75E 05	7.55E-01	0.960	0.179
	3.2	2.59E 05	7.47E-01	0.957	0.184
ALASKA	10.0	7.27E 05	6.43E-01	0.941	0.144
NS=2686	4.0	8.99E 04	6.57E-01	0.946	0.138
	3.2	4.61E 04	6.52E-01	0.944	0.141
INDONESIA	10.0	2.33E 06	7.03E-01	0.977	0.165
NS=1872	4.0	1.43E 05	6.88E-01	0.970	0.186
	3.2	5.93E 04	6.71E-01	0.969	0.190
NEW JERSEY	10.0	3.07E 06	7.11E-01	0.958	0.168
NS=3135	4.0	1.94E 05	7.00E-01	0.952	0.177
	3.2	8.58E 04	6.88E-01	0.949	0.183
N. CAROLINA	10.0	4.31E 06	7.24E-01	0.968	0.172
NS=4736	4.0	3.35E 05	7.28E-01	0.970	0.169
	3.2	1.52E 05	7.19E-01	0.964	0.173

TABLE 19. LOGARITHMIC REGRESSION COEFFICIENTS FOR LIQUID WATER CONTENT(GM/M3) AS A FUNCTION OF REFLECTIVITY(/M)

$WC = AZ^B$

LOCATION	WAVELENGTH (CM)	A	B	COR COEF	STAN ERR
NEW JERSEY	4.0	2.95E 03	6.32E-01	0.919	0.208
NS=3131	3.2	1.42E 03	6.03E-01	0.915	0.213
N. CAROLINA	4.0	.13E 03	6.26E-01	0.935	0.215
NS=4722	3.2	.04E 03	.13E-01	0.934	0.220

TABLE [illegible]. LOGARITHMIC REGRESSION COEFFICIENTS FOR ATTENUATION(DB/KM) AS A FUNCTION OF REFLECTIVITY(Z/M)

$Attn. = A r^{B}$

LOCATION	WAVELENGTH (CM)	A	B	COR COEF	STAN ERR
ILLINOIS	10.0	9.14E 02	7.05E-01	0.974	0.150
NS=1716	4.0	7.62E 03	8.36E-01	0.989	0.119
	3.2	4.98E 03	8.14E-01	0.987	0.130
FLORIDA	10.0	3.27E 03	7.70E-01	0.981	0.123
NS=2506	4.0	1.10E 04	8.59E-01	0.987	0.119
	3.2	6.39E 03	8.24E-01	0.981	0.142
OREGON	10.0	1.25E 02	6.04E-01	0.924	0.129
NS=1703	4.0	2.35E 03	7.65E-01	0.967	0.104
	3.2	2.59E 03	7.71E-01	0.968	0.107
MAJURO	10.0	3.08E 03	7.45E-01	0.969	0.154
NS=2658	4.0	9.31E 03	8.34E-01	0.987	0.111
	3.2	1.04E 04	8.47E-01	0.987	0.114
ALASKA	10.0	1.34E 02	6.00E-01	0.926	0.153
NS=2686	4.0	1.79E 03	7.42E-01	0.990	0.067
	3.2	2.84E 03	7.72E-01	0.993	0.057
INDONESIA	10.0	5.37E 02	7.00E-01	0.984	0.134
NS=1672	4.0	6.27E 03	8.19E-01	0.990	0.127
	3.2	5.35E 03	8.13E-01	0.989	0.136
NEW JERSEY	10.0	1.02E 03	6.97E-01	0.961	0.156
NS=3135	4.0	5.41E 03	8.07E-01	0.994	0.071
	3.2	4.94E 03	8.07E-01	0.991	0.086
N. CAROLINA	10.0	9.20E 02	6.87E-01	0.955	0.197
NS=4738	4.0	5.87E 03	8.07E-01	0.994	0.085
	3.2	7.06E 03	8.24E-01	0.997	0.060

TABLE 161. LOGARITHMIC REGRESSION COEFFICIENTS FOR ATTENUATION(DB/KM) AT 4.0CM AS A FUNCTION OF REFLECTIVITY(Z/M) AT 3.2CM

$Attn. = A r^{B}$

LOCATION	A	B	COR COEF	STAN ERR
NEW JERSEY NS=3135	2.10E 03	7.93E-01	0.993	0.075
N. CAROLINA NS=4733	2.45E 03	7.97E-01	0.995	0.078

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13. ABSTRACT

One hundred fifty-four tables are presented which show the relationships between rainfall rate, radar reflectivity, and attenuation. These parameters have been calculated from drop-size distributions obtained by the drop camera technique. Calculations of attenuation and reflectivity were made using the Mie theory for wavelengths of 10.0, 4.0, 3.2, 1.87, 0.86, and 0.43 cm. Logarithmic regressions have also been calculated for these parameters. These tables have been prepared for data obtained from Illinois, Florida, Oregon, Majuro, Alaska, Indonesia, New Jersey, and North Carolina.

Other tables showing the relationships of the drop-size median volume diameter and liquid water content to reflectivity are presented for New Jersey and North Carolina at 4.0 and 3.2 cm. A table of the relationship of 4.0-cm attenuation to 3.2-cm reflectivity is included for New Jersey and North Carolina.

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